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TWENTY-SEVENTH ANNUAL REPORT

OF THE

BOARD OF COMMISSIONERS

FOR THE

YEAR ENDING JANUARY 31, 1902



PRINTED FOR THE DEPARTMENT

1902



Board of Commissioners of Dept. of Parks.  
August 15, 1902.

W. D. C. H. M.  
SECRETARY  
Motivated by the

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# DEPARTMENT OF PARKS.

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## COMMISSIONERS' REPORT.

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HON. PATRICK A. COLLINS,

*Mayor of the City of Boston:*

SIR,—The Board has the honor herewith to submit this report for the year ending January 31, 1902.

In our last annual report we recommended a further appropriation of \$150,000 to enable us to complete the work of park construction, but no action was taken by the last city government on this recommendation. We need this appropriation of \$150,000 to finish the construction of those parks upon which comparatively little additional work remains to be done. Estimates, in detail, for this work have already been sent to you. These include shelter and sanitary buildings, which are imperatively needed for the convenience and health of the public in many of the parks; the extension of the conduits connecting the Fens with Charles river, which will allow of the small square north of Beacon street, on Charles river, between Charlesgate east and Charlesgate west, to be filled and graded, and the completion of grading, loaming, and planting in various parts of the park system.

The foul condition of the water in the Fens basin, from the flow of sewage into it from Stony brook, is a subject requiring prompt consideration. It is evident that it will be impossible to prevent the pollution of the Fens' basin until the waters of the brook cease to flow into the basin. This can be brought about either by connecting Stony brook with Charles river by a culvert large enough to carry directly into the river the entire flow of the brook at all times, or by connecting Stony brook with some general sewerage system built to prevent the pollution of the Charles river basin.

Under an order of the City Council, approved by the Mayor July 3, 1901, making an appropriation of \$225,000 for completing the Strandway, we took, on August 7, Burnham's wharf and the adjoining estates, aggregating about twelve and one-half acres of land and flats. The area required for the extension of Columbia road over this tract is three acres, leaving about nine acres available for playground purposes when the dock is filled up, the buildings cleared away, and the grounds levelled off, which work is now in progress.

On May 20, 1901, the Board took possession of a small square, containing 52,800 square feet, known as Berners square, and held in trust under the will of David Sears, which provided that the square should be forever kept open for ornament and exercise for the benefit of the residents on his Longwood property on Brookline avenue, of which it formed a part. The Board also took a lot of land on Camden street, containing 2,190.6 square feet, for an addition to the Columbus avenue playground.

Insufficient appropriations have delayed the necessary developments of several of the playgrounds in charge of the Board. Our policy is to make all playgrounds available for use as fast as they are needed, but not to expend money on them in advance of legitimate demands. The needs of the playgrounds are pointed out in the annexed report of our Superintendent. We shall require at least \$50,000 for their improvement to give the public the full benefit of the large expenditures already made for the acquisition of the land.

Appropriations for improving Billings Field and for equipping First street playground as an out-door gymnasium were made by the City Council last November. Work on the former has begun, and plans for a locker and lavatory building for the latter are being prepared.

The Refectory building at Franklin Park has proved not to be a public success, and no tenant has been able to carry on there a successful restaurant. The last lease having expired, we are considering whether it might not serve a better purpose if used in part as a reading-room and library, similar to those established in the Brooklyn and New York parks, to contain chiefly books relating to natural history, for

the use and enjoyment of the general public, as well as for students of landscape gardening, botany, ornithology, and similar subjects. A representation of the animal and vegetable life of our New England States, if it can be secured, would add to the interest and value of the library. The building will also be used for purposes of a shelter and for sanitary purposes.

Full details of the work of the department during the year will be found in the accompanying reports of our Superintendent and Engineer.

Respectfully submitted,

CHARLES E. STRATTON,

LABAN PRATT,

JAMES M. PRENDERGAST,

*Commissioners.*

BOSTON, January 31, 1902.



## SUPERINTENDENT'S REPORT.

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TO CHARLES E. STRATTON, LABAN PRATT, AND JAMES M. PRENDERGAST, *Commissioners*:

Gentlemen,— I herewith submit a report of the work performed, under the direction of your board in this department, during the year 1901:

### FRANKLIN PARK.

The principal work of planting has been completed in Franklin Park, that of the past year having been confined to the finishing up of details in the general scheme. The bordering plantations of trees are fast producing the effect of seclusion in the park. Thrifty young woodlands now may be found, where once open views of the adjacent streets marred the prospect, and detracted from the enjoyment of persons driving or walking in the park. To produce as quickly as possible this desired effect of a screen, and to provide mutual protection, the trees were planted thickly; this has necessitated considerable thinning out to avert damage from overcrowding. The surplus material has been used in making new plantations. From this time on the work of planting in Franklin Park might properly be charged to maintenance, as the greater part of the material used will be obtained from plantations which require thinning out.

The thinning out of diseased and surplus trees in the old woodlands, which has been prosecuted for the past five years, continues to bear fruit. The gradual spread on top of a healthier growth, made possible by the admission of air and light, makes each tree a better specimen of its kind, and at the same time enhances the natural woodland effect.

The floors of many of the woodlands, notably those in the Wilderness, need attention in the way of grubbing out tree weeds, such as locust, cherry, and other seedlings, which

grow rankly to the detriment or the exclusion of the more natural ground cover of wild shrubbery and herbaceous plants. Some work of this character has been done in Long Crouch Woods, which was badly infested with wild cherry seedlings. This piece of woodland is much frequented by picnic parties; and as the loam covering originally was very thin, over a rocky foundation, the trees have suffered from lack of nutrition and from hard usage. To ameliorate these conditions about 9,000 cubic yards of loam were spread over a large part of the wood. This gives an additional covering of loam, averaging about six and one-half inches in thickness over the treated part, which will greatly tend to the improvement of the trees, which have been starving in a thin and impoverished soil.

Other woodlands in Franklin Park are suffering from the thinness of the soil covering. Fine tree growth is one of the chief features of a pleasing landscape; and as loam at present is offered freely at cheap rates, it would seem to be wise to make liberal appropriations for the purchase of this prime necessity for producing a good growth of trees on the rocky, sterile portions of Franklin Park.

During most of the season two gangs of four men each were kept at the important work of tree pruning. Considerable additional under-drainage was laid in Nazindale, with good results. The greater part of the length of the old brook (now carried in a pipe below the surface) was levelled and seeded, which made a vast improvement in what was once a rough and swampy hollow.

To improve the entrance to the park from Seaver street and Columbus avenue, Walnut avenue was widened between Seaver street and the Walnut avenue entrance to seventy feet. The foundation was laid for a boundary wall on the park side, and the work of the superstructure will commence with the opening of spring.

A decrease in the interest taken in golf, during the past season, was noticeable, the total number of players that went over the course being 31,007, a decrease of twenty-two and one-half per cent. from the attendance of the previous season. Early in the year a rearrangement of the links was made,

by laying out for experienced players a nine-hole course around the borders of the meadow, and for beginners a six-hole course through the centre and within the lines of the nine-hole course. The first tees were changed from the old location to Schoolmaster Hill, where a golf house has been fashioned out of the tiled shelter. Accommodations are there furnished for checking and storing golfing bags and clothing. Dressing-rooms for men and women are provided also in the building.

Tennis seems to be increasing in favor. All the available ground in Ellicottdale was in use last season. The courts were in constant demand, and frequently on Saturday afternoons and holidays all who wished to play could not be accommodated at once. The Franklin Field courts also were well patronized.

#### ARNOLD ARBORETUM.

The only work done during the past season in the Arboretum consisted of the ordinary maintenance of roads and walks, of which the raising of a part of the lower drive formed the principal item, it having settled into the peat bed over which it is built.

#### OLMSTED PARK AND RIVERWAY.

With the exception of a little additional planting and the erection of a sanitary building Olmsted Park is completed, as far as construction has been planned. The rearrangement of the shrubberies along the water side has greatly added to the charm of the lower walk along the Riverway. The plantations made during the past four years are doing well. A quantity of shrubs were planted the past season, among which may be noted the rhododendrons on the slope of the bank from Perkins street, at Ward's pond. These are hybrids between our native species, which give the required hardiness, and the Asian species which impart splendor of bloom. Two thousand kalmias are in preparation in our nurseries for planting on the east and north slopes of the pond, the intention being to continue the slightly gardenesque treatment in this pretty little hollow. The lilies, lotus, and

colonies of semi-aquatic plants fringing the pond produced a beautiful effect last season.

The preparation of the water's edge of the Riverway and Leverett pond, for planting with semi-aquatic and water-loving plants remains to be done. This will give a more natural effect at the water line than now exists along the rough, stony shore. The plants will be mostly herbaceous; and will include, rushes, sedges, and grasses, also arrowheads, water plantain, willow herbs, lythrums, with occasional colonies of water lilies, lotus flowers, and many other plants of like character.

#### THE FENS.

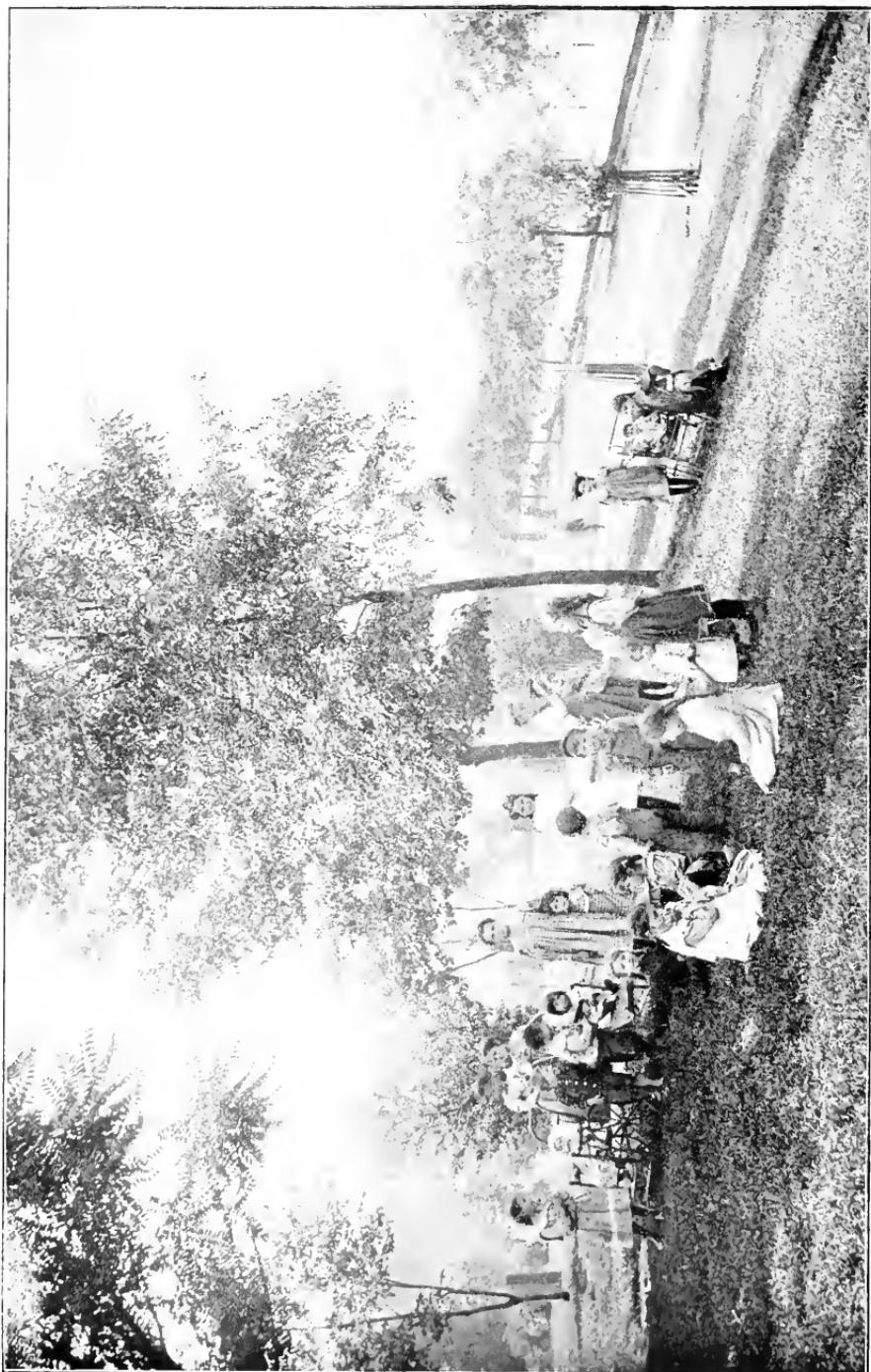
On the south side of the Fens considerable planting was done on the areas where additional loam had been spread the previous season. This consisted principally of roses, wax myrtle, and a variety of other shrubs. On the north side, large plantings were made of goldenbells, honeysuckle, matrimony vine, and aromatic sumac.

In preceding reports attention has been called to the necessity of increasing the depth of loam that covers the dry gravel of which the Fens is composed. This is a matter of great importance to the future of the trees, which have grown to the point where their roots are confined within gravelly limits, a condition that prevents further growth and development, and dooms to disappointment the expectation that, in the near future, fine trees will grace the Fens and give shelter from its wind-swept openness.

The amount of sewage and filth discharged into the Fens pond continues to increase. The condition of the pond steadily grows worse; and, during storm periods, the odor from the contaminated waters is quite perceptible over the whole area covered by the Fens and driveways.

#### COMMONWEALTH AVENUE.

The crowded condition of the trees on that portion of Commonwealth avenue lying between Arlington and Dartmouth streets made it desirable to remove such trees as were injuring the better ones. An improvement was at once



CHARLES BANK



noticeable. The remaining trees, many of them being good specimens of European and American elms, could be seen to better advantage; while the sunshine admitted, here and there, into the damp floor encouraged the growth of the turf, and very much improved the general conditions necessary for tree growth.

#### CHARLESBANK.

The great use made of the mounds by women and children, during the summer season, makes it hard to maintain good turf, especially if the season is a dry one. In a great measure this could be corrected by the equipment of a water system, to which,\* at frequent intervals, hose and sprinkling nozzles could be attached. By dividing the ground to be irrigated into sections controlled by valves the work of sprinkling could be made almost automatic.

The trees planted in the past two years have been protected by stout tree-boxes. This protection was found to be indispensable, as many of the trees were broken down by the rough and careless usage to which they were subjected. A number of additional trees were planted, and holes, three feet in depth by ten feet in width, were prepared and filled with good loam for further planting in the spring.

The men's gymnasium, under the supervision of Mr. John W. Bowler, was well patronized. The women's gymnasium also had a successful season. The winter work at the women's gymnasium has been increased to eight classes per week, four in the afternoon for children, and four in the evening for women. To accommodate these classes the partition wall in the gymnasium hall was moved, thus adding some spare office and locker space to the hall. A detailed report, by the Massachusetts Emergency and Hygiene Association, of the work of the gymnasium will be found in the appendix.

#### WOOD ISLAND PARK.

The bare, bleak hillsides of two or three years ago, at Wood Island Park, now are covered with trees, which are sufficiently umbrageous to cast a grateful shade over the

grounds, of which full advantage is taken by the frequenters of the park.

During the past year little work of construction has been done. The unsightly man-hole basins on the shore have been removed. The base-ball grounds have been improved, by grading and levelling, and a number of fixed seats have been constructed to accommodate those who gather to watch the games. A flight of stone steps, leading from Prescott street down to the playground, also has been built.

A slight improvement in the gymnasium attendance over that of the preceding season can be noted. The attendance in 1900 was 48,065; that of the past season was 48,909. Two days in the week the gymnasium was open to women and girls, and four days in the week to men and boys. The work is still under the direction of Mr. James L. Walsh.

#### CHARLESTOWN HEIGHTS.

During the past season the only work of consequence done in this park consisted of a partial rearrangement of the shrubberies, the planting of some fresh material, and the erection of iron fences at each side of the shelter on the Bunker Hill-street front.

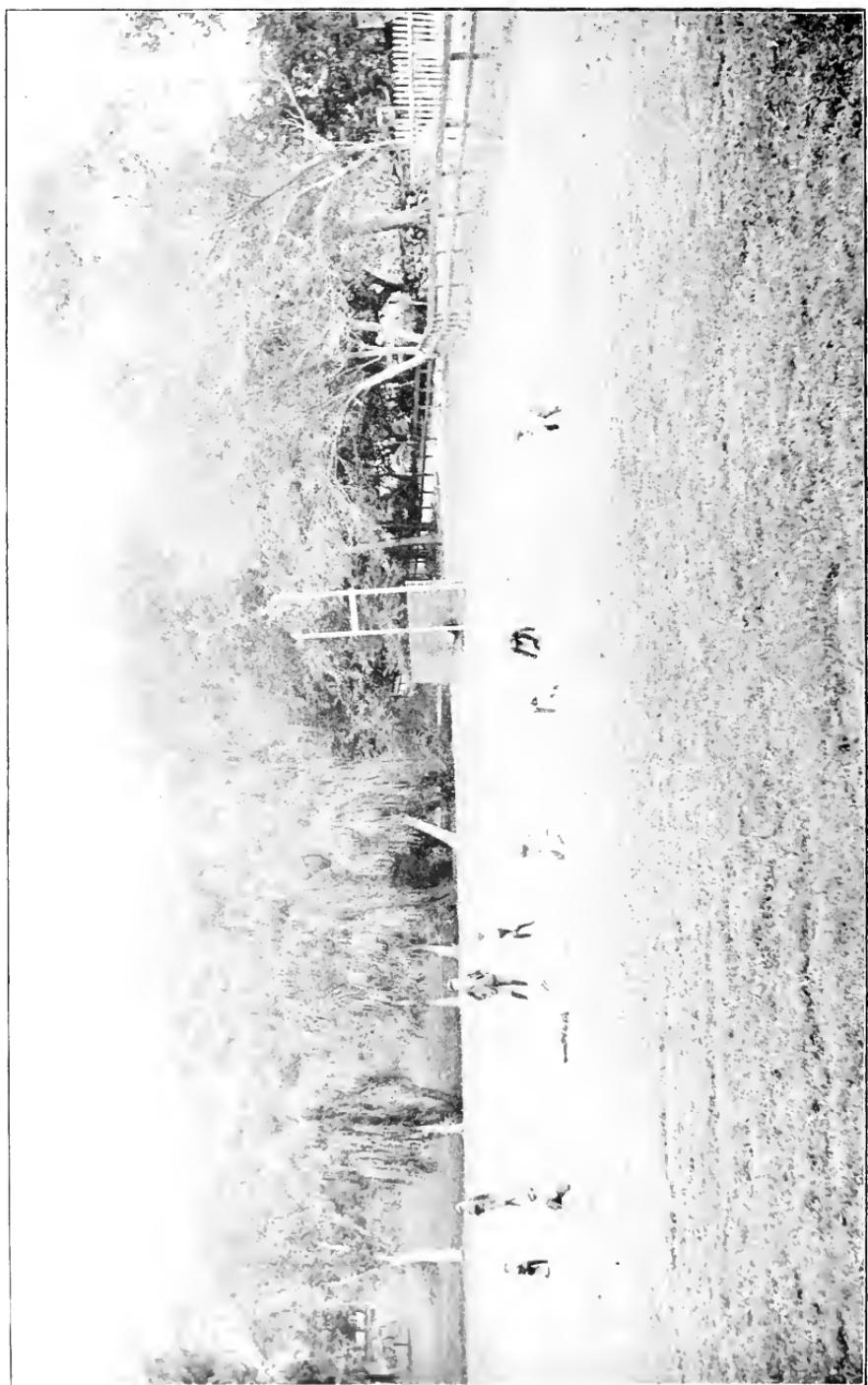
The asphalt floor of the open pavilion, which forms the roof for the sanitaries and shelter, is in a bad condition, and it is doubtful if it can be repaired. A new one, probably, will be necessary.

#### MARINE PARK.

To meet the requirements of this very popular resort, a line of fixed seats was constructed from Q street on the south to the Farragut monument on the north, a distance of 1,281 feet. The walk on which they were placed was widened to a width of eighteen feet. At the junction of the walks, opposite the Head House, a bubble fountain was erected.

Pending the erection of a permanent fence on the Q-street boundary, a temporary wire fence has been built to protect the newly-planted shrubberies. A number of European elms and lindens, which seem to be well adapted for bleak sea-side

PLAYGROUND, ROGERS PARK.





planting, were added to the plantations last season. These young plantations are thriving well, and, even now, give a wood-like appearance to the park when viewed from the harbor. Shrubbery also was planted on the slopes surrounding the ponds, a path or beach being left around the margin of each pond of a sufficient width to permit of the free use of the ponds for miniature yacht sailing, which is a favorite pastime with the smaller boys. For the accommodation of the frequenters of Pleasure Bay, a landing for row-boats was constructed at the pier.

No work, other than that of regular maintenance, was done at Castle Island, except the building of a number of fixed seats.

#### STRANDWAY.

The land necessary for completing the Strandway and Columbia road between Mercer and Atlantic streets having been taken by your Board, the work of construction between these points was commenced last fall by this department, and was continued until closed down by bad weather. The construction of Columbia road throughout the rest of the Strandway will be done by the Street Department, plans for which have been prepared and adopted jointly by the Park and Street departments.

#### COLUMBIA ROAD.

During the past season a line of Norway maples was planted on Columbia road between Blue Hill avenue and Edward Everett square. This planting was made in the border of the electric car reservation, and completes the tree planting on Columbia road between Blue Hill avenue and Dorchester avenue.

#### CHESTNUT HILL PARK.

During the past year bordering plantations were made along the north boundary of this park from the Commonwealth avenue entrance to the Newton line. The nursery was removed and the ground it occupied was planted with a variety of trees from which permanent trees can be selected.

Young spruces were planted on the south boundary. These trees will be allowed ample space for individual development.

The ordinary work of maintenance was done during the year. The unnecessary width of the driveway at this park, which approximates seventy-five feet, is a source of expense, not being nearly covered by wheel traffic it permits of a growth of weeds and grasses on its surface which are hard to keep down. The cobble gutters, too, are very much out of repair and require constant attention. A plan has been prepared by the department for narrowing the roadway and adding to the width of the planting space on the sides next to the park boundaries. This plan, if it could be put into execution, would decrease materially the expense of road maintenance and at the same time would widen and improve in appearance and effectiveness the bordering belt of planting between the park drive and the streets. The estimate of our engineer of the cost of this work, which includes the loaming and planting, is \$33,750.

#### BERNERS SQUARE.

*(Area 1.2 acres.)*

This square, located on Bellevue and Plymouth streets, near Longwood avenue, was taken the past season by the department. It contains a number of good elms and maples. The trees are injuring each other from their closeness and will require some little thinning out. The ground also requires grading, but no work other than that of a little clearing up has been done. Probably the best treatment would be to grade the ground to a gentle slope from the sides to the centre, with provision for carrying off the drainage from the centre.

At Copp's Hill Terraces, Dorchester Park, and West Roxbury Parkway no work was done during the past season, except the necessary maintenance work.

#### NURSERIES.

In the new addition to the nursery at Franklin Field a quantity of material from the seed beds has been set out in



COLUMBUS AVENUE PLAYGROUND.



nursery rows. If a suitable appropriation for the purpose is made by the City Council the remainder of the nursery will be planted with young material, which will include a large number of fine seedling oaks, two years old. This will increase the area of the nursery to 7.7 acres.

It has been necessary to retain the nursery at West Roxbury parkway for the present, or until the trees and shrubs can be planted in the parks. The nursery ground at Chestnut Hill has been cleared and planted with permanent trees, as has also the old nursery at Franklin Park, with the exception of the ground occupied by the seed beds.

#### PLAYGROUNDS.

##### FRANKLIN FIELD.

(*Area, 77 Acres.*)

At present the Street Department is laying an underground conduit across Franklin Field to receive the drainage of the neighboring district. In the progress of the work the surface of the ground has been very much cut up by the heavy teaming over it, and will require extensive repairs. The old drainage ditches, too, should be filled, as the completion of the drainage work now in progress will render them unnecessary.

Furthermore, as set forth in the twenty-fifth annual report, the surface of nearly the entire field is in a poor condition from settlements. To remedy this, either sufficient loam to level the inequalities should be spread over the surface or the ground should be ploughed, harrowed and seeded. The first plan would be preferable, as the addition of loam to the present peaty, spongy surface would make more stable turf. The latter plan, however, would be the cheaper one, and in the present state of our finances would seem to be the only one to adopt.

While this necessary drainage work interferes with the free use of a part of the field for games, and entirely cut off skating the past winter, yet the advantages that will accrue at the completion of the work in a measure will compensate the public for this deprivation.

Baseball, football, tennis and cricket grounds are provided. All have been used freely during the past season.

#### CHRISTOPHER GIBSON PLAYGROUND.

(*Area, 5.8 Acres.*)

Dorchester avenue and Park street. Elms, for bordering shade trees, have been planted around the larger piece of this playground, the smaller triangular piece being bordered with Norway maples.

The baseball and football grounds have been in great demand during the past season, and many applications for the reservation of the grounds for games have had to be refused.

The triangle was flooded for skating the past winter and thousands enjoyed the sport.

#### SAVIN HILL BEACH.

(*Area, 18.6 Acres.*)

Springdale street, Dorchester. Last spring the squatters' shanties on the beach were removed and a bath-house was erected in time for the commencement of the bathing season. The bath-house contains thirty-one bathing closets for women and fifty-four bathing closets for men, which are free to the public, the patrons bringing their own suits and towels. Attendants of both sexes are in charge, and the results have been very satisfactory. The attendance for the summer was 14,749.

#### NEPONSET PLAYGROUND.

(*Area, 18 Acres.*)

Neponset avenue. During the past season no work, other than that of maintenance, has been done on this playground. The gravel filling laid on a part of the salt meadow has not proved satisfactory by reason of the unequal settlement of the ground from the added weight of the filling. Additional filling has been put into these depressions, yet the settlement still continues, and probably further settlement will occur until sufficient solidity is attained. As there now seems to

CHRISTOPHER GIBSON PLAYGROUND.  
(Locker and Lavatory Building on the left.)





be no necessity for raising the grade of the meadow the filling up of the slight inequalities of the surface with loam would appear to be a better plan of treatment for the remainder of the playground. As far as material for the purpose could be obtained, this plan has been adopted and is working very well.

An area of 3.3 acres was flooded and used by skaters during the winter. A sanitary building is much needed at these grounds.

#### MYSTIC PLAYGROUND.

*(Area, 2.3 Acres.)*

Chelsea street and Mystic river. At present this playground is a bare, cindered surface, with fixed seats at the sides. A few pieces of apparatus, suitable for the use of small children, such as swings, teeters, sand-boxes, etc., are being made in the shops of the department. The addition of the apparatus will render the playground more inviting to the children of the locality and will enlarge its opportunities for usefulness, which would still further be enhanced by the erection of an open shelter near the sand-boxes, and the employment of a female playground-keeper or kindergartner. Sanitary accommodations and a drinking fountain are greatly needed.

#### CHARLESTOWN PLAYGROUND.

*(Area, 14 Acres.)*

Corner Main and Alford streets. Norway maples were planted, last spring, along the Alford-street boundary, within the playground fence. The Main-street border is ready for planting, but it has been considered best to defer this until the fence is erected, in order that the trees may have its additional protection. Wherever planting has been done in the playgrounds it has been found necessary to protect the trees by strong wooden boxes, six feet high. Even with such guards the trees frequently are mutilated, undoubtedly with wilful intent.

The filling and grading of this playground have not been fully completed, yet sufficient well-graded ground is available for present needs.

A skating rink of 2.2 acres was flooded for skating the past winter, and was much used. Drinking fountains and a sanitary building are much needed; and, could the Main-street fence, for which bids have been obtained, be built, it would add greatly to the appearance of that front.

#### ROGERS PARK.

*(Area, 6.9 Acres.)*

Foster and Lake streets, Brighton. During the past year the work of maintenance only has been done at this park and playground. Filling is needed for playground extension, also sanitary conveniences.

#### NORTH BRIGHTON PLAYGROUND.

*(Area, 14 Acres.)*

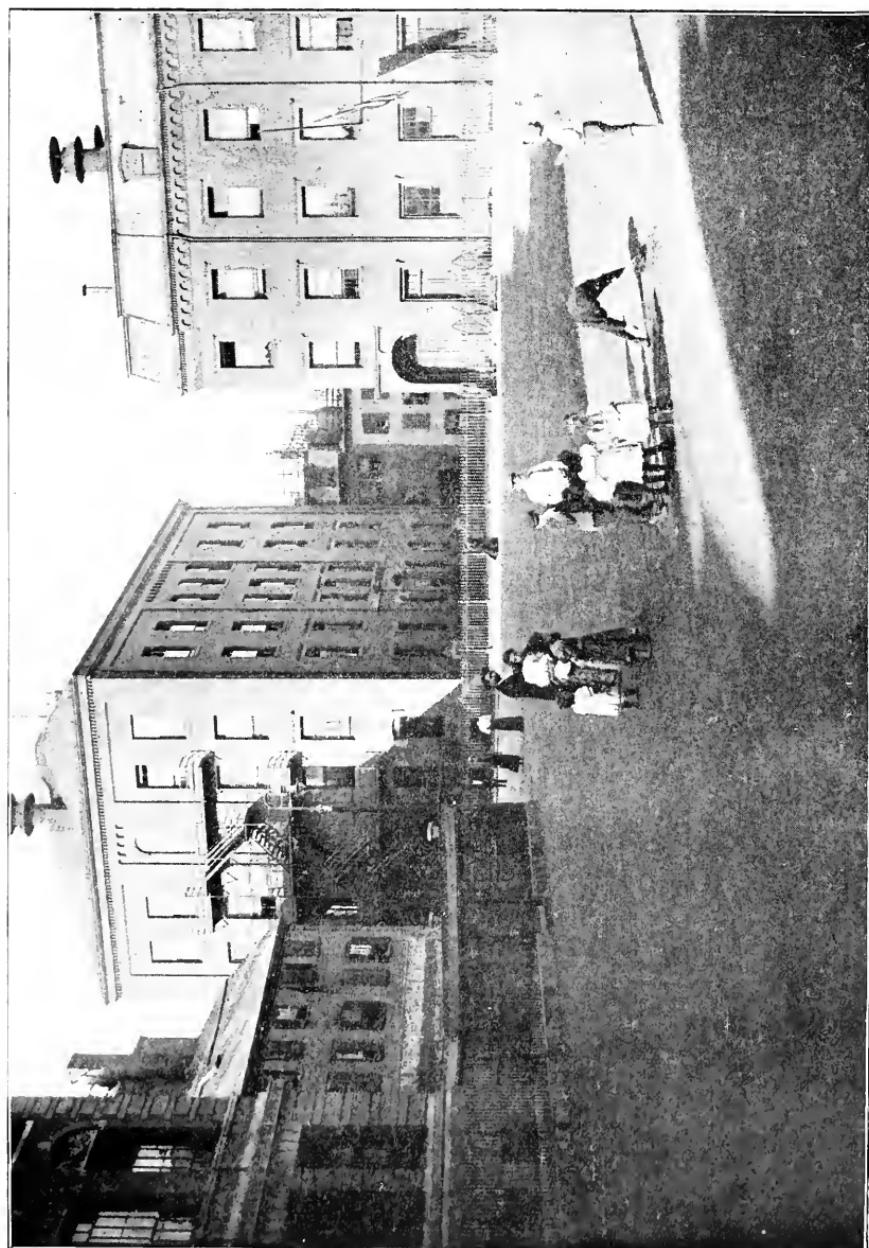
Western avenue and Harvard street. Only the regular work of maintenance was carried on here the past season. This playground is very popular, and a further extension of graded playground area is necessary. This can be accomplished by levelling up the uneven surface of the meadow, and, as the rougher grading has been done, it will not be a difficult matter. Shelter and sanitary buildings and fencing are needed. An area of 3.3 acres of ice was prepared, and was much enjoyed by skaters the past winter. The principal games played at this playground are baseball and football. Ground has been prepared also for a quoit club, the members of which seemed to fully appreciate the privilege.

#### BILLINGS FIELD.

*(Area, 11 Acres.)*

Lagrange street, near Centre street, West Roxbury. During last season the under-drainage of this playground was finished. To afford a deeper drainage outlet from the field, Mr. Samuel B. Dana kindly permitted the department to lay a drain across his property. This will greatly improve the drainage of the playground, and, unless further settlements occur, will render additional filling unnecessary, which would be a much more expensive operation.

PRINCE STREET PLAYGROUND.





The slope of the hill from Bellevue street, which is too steep for playground purposes, has been prepared for and planted with trees, to afford a wooded shelter for viewing the games. At the foot of the slope tennis grounds are being graded, on which five courts, if necessary, can be laid out.

Last winter a toboggan slide of 800 feet in length was built and kept in order, as also were five acres of ice for skating.

#### ROSLINDALE PLAYGROUND.

*(Area, 3.7 Acres.)*

South Walter and Robert streets. With the exception of the planting of Norway maples around the street borders, no work of construction was done at these grounds the past season.

This playground is very popular for ball games. An ice field of 1.6 acres was prepared for skating last winter, which was enjoyed by many. Sanitary buildings, grading, and a retaining wall are the present requirements.

#### COLUMBUS AVENUE PLAYGROUND.

*(Area, 4.8 Acres.)*

Within the fence line, on the Camden street and Columbus avenue boundaries of this playground, a loam bed, twelve feet wide, was prepared and planted with Norway maples. The smoke and coal dust from the adjacent round-house make rather hard conditions for tree growth. A considerable amount of grading was done, and a granite bubble fountain, for furnishing drinking water, was erected.

The Civic League was given the management of the grounds during the summer and fall, the League paying the expenses of the instructors, while the Park Department maintained the grounds. The playground was very popular, and fully demonstrated the wisdom of its purchase.

A portion of the grounds on the Camden street end was fenced off for the children, for whom the Civic League erected a shelter, and furnished sand-boxes and several pieces of simple gymnastic apparatus adapted to the little folks.

During the winter an ice field of 2.6 acres was formed, by means of a dam, and a large number of people enjoyed the sport. To enlarge the area for skating a retaining wall is needed on the north line to permit of the raising of the dam. A sanitary building also is much needed.

#### PRINCE STREET PLAYGROUND.

*(Area, 0.4 Acres.)*

Prince and North Bennet streets. No work, except that of maintenance, was done on this playground last year. Its crowded condition, in a densely populated neighborhood, would justify a large expenditure to increase its area.

#### FIRST STREET PLAYGROUND.

*(Area, 4.6 Acres.)*

First and M streets, South Boston. As a special appropriation of \$9,550 has been made by the City Council for the improvement of this playground, plans are under consideration for an open-air gymnasium and a sanitary and locker building.

The grounds were well patronized, last season, for ball playing and bicycle racing. During the winter the ice rink of 3.1 acres was enjoyed by thousands.

#### FELLOWS STREET PLAYGROUND.

*(Area, 0.85 Acres.)*

Fellows and Hunneman streets. In its present bare condition, this playground is not very inviting, and is not as popular with the children as the surrounding sidewalks seem to be. A small building has been placed on the grounds, and a few pieces of apparatus, consisting of swings, swinging-ladders, teeter-boards, and sand-boxes are under construction at the department shops. The assistance of a kindergartner would greatly aid in bringing out the possibilities of this playground.

#### ICE SPORTS.

The winter of 1901-1902 proved to be a good one for all ice sports. Although Franklin Field, generally the most



FELLOWS STREET PLAYGROUND.



popular of our skating areas, could not be used, the total number of skaters at the various places exceeded that of 1900-1901. Thirteen horse-planers were in use, and the ice was kept in very good condition. Ice was maintained at thirteen parks and playgrounds, making a total area of 106.6 acres. At Jamaica Pond a measured track was laid out, and proved to be quite an added attraction. Hockey rinks were made at Scarboro' and Jamaica Ponds, Billings Field, Wood Island Park, and at Columbus avenue, North Brighton, and Roslindale playgrounds.

By permission of your Board, the Boston Curling Club made Scarboro' Pond its headquarters for this grand old game. A number of friendly contests were fought, of which one was with the Country Club at Clyde Park, that relieved the Country Club of the district medal, which it had held for a year. An itemized table following will give further skating details.

#### SKATING — SEASON 1901-1902.

Name.	Area.	Hockey Rinks.	No. of days Skating.	Approximate Attendance.
Abbotswood Pond.....	4.5 acres	.....	1	100
Billings Field.....	5.0 "	1	46	17,900
Charlesbank.....	1.4 "	.....	44	64,050
Charlestown Playground.....	2.2 "	.....	48	27,750
Columbus Avenue Playground....	2.6 "	1	42	31,125
First Street Playground.....	3.1 "	.....	40	42,800
Christopher Gibson Playground..	1.95 "	.....	45	21,350
Jamaica Pond.....	64.5 "	2	43	159,400
Neponset Playground.....	3.3 "	.....	42	26,750
North Brighton Playground.....	3.3 "	1	43	30,100
Roslindale Playground.....	2.1 "	1	45	23,425
Scarboro' Pond.....	4.75 "	1	42	27,825
Wood Island Park.....	7.9 "	1	45	60,125
Totals.....	106.6 acres	8		532,700

#### INSECT ENEMIES OF TREES.

During the past year Boston has been subjected to an invasion of the elm-leaf beetle and the brown-tailed moth.

Both are pests of the most dangerous character. The elm-leaf beetle confines its ravages to the elm tree, and is more easy to control than the brown-tailed moth. Then, too, the elm-leaf beetle does not commence to eat until the foliage is partly developed. This gives an opportunity of spraying the foliage with an arsenical solution, which kills the beetle when it begins to feed upon the poisoned foliage. The brown-tailed moth hibernates in the larval state in nests containing from fifty to one hundred each, and then emerges on the first warm days of spring and attacks the buds and unfolding leaves of the elm, maple, and various other kinds of trees, including apple and pear trees. In August or early September a second brood of larvæ attacks the second growth of leaves. The second crop of larvæ may be successfully combatted by arsenical spraying. The greatest mischief is to be apprehended from the first brood, as it cannot be reached by poison, and the only remedy known is to pick off the nests and burn them. This is a difficult and expensive matter in high trees as the nests are found only on the small twigs at the ends of the branches. An evidence of the prolific nature and energy of the brown-tailed moth is found in the fact, that, from an importation into Somerville (supposedly on roses from France), in 1897, the moth has spread north to central New Hampshire, and south to Scituate. In Allston, Brighton, Cambridge, and Somerville, last summer, trees were entirely defoliated by them.

Provision has been made by your Board to fight these pests. A gasoline power sprayer, with a capacity of twelve gallons per minute, has been constructed in the shops of the department. The machinery, comprising a Daimler motor and a Fairbanks & Morse triplex pump, is set on a tank of 470 gallons capacity, and the whole is mounted on a four-wheeled contractor's wagon. Our hand spraying apparatus has been increased by the purchase of six additional barrel-pumps on wheels. With this equipment we expect to be able to keep these insects down. They cannot, however, be exterminated without concerted action on the part of the city authorities, and also of private individuals.



GASOLINE POWER SPRAYER.



## MAINTENANCE.

Each year it is becoming more difficult to maintain the parks and playgrounds on the amount appropriated for that purpose by the city government. During the past five or six years the work of construction has proceeded with great rapidity, especially in the matter of planting and on account of playground extension. Plantations laid out for ornamental effect are expensive to maintain. As compared with other park systems the Boston parks contain a large percentage of such planted areas. Playgrounds, too, are found to average high in the cost per acre for maintenance, as compared with parks of large size. Furthermore, when the eight-hour law came into effect, the hours of labor were reduced one-ninth; and the half-holiday on Saturday has since been extended, and now covers the whole year. Thus maintenance charges have increased to the point where we are only able to keep the parks in a mediocre manner, and not at all with the degree of perfectness expected of Boston, whose parks have a reputation for excellence that is worldwide. In comparison with other cities Boston's appropriation for park maintenance, per acre, ranks very low, as the following table of the comparative cost of maintaining the parks of various cities will show.

Details of measurements and quantities of work done during the past year will be found in the report of Mr. C. E. Putnam, engineer of the department.

Respectfully submitted,

J. A. PETTIGREW,

*Superintendent.*

**Comparative Cost of Maintaining Parks.**

NAME.	Acres.	Total main- taine- nce cost.	Average per acre.	Water and lighting.	Police.	Greenhouses and flower gardening.	Skating.	Year.
Union Park, Chicago.....	17.3	\$9,759 04	\$564 10	Included	"	Flower gardening	Included	1900
Lincoln Park, "	312.5	* 140,618 05	* 449 90	"	"	Greenhouses and flower gardening	"	1891-93; 1900-01
Borough Manhattan and Richmond, N. Y. ....	1,337.7	† 545,350 66	† 407 67	"	"	"	"	1899-1900
Douglas Park, Chicago .....	182	56,380 95	309 20	"	"	"	"	1900
Brooklyn and Queens, New York, N. Y. ....	1,573	469,000 00	298	"	"	"	"	1899
Garfield Park, "	187.5	47,823 55	200 01	"	"	"	"	1900
Humboldt Park, "	205.8	44,973 87	218 50	"	"	"	"	1900
Bushnell Park, Hartford.....	42	† 7,189 82	† 169 75	"	Not included	Flower gardening	"	1898-1900
Boston.....	1,721	† 156,766 66	† 91 09	Not included	"	Not included.	"	1898-1900

\* Average per annum for five years.

† Average per annum for two years.

‡ Average per annum for three years.

## ENGINEER'S REPORT.

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MR. JOHN A. PETTIGREW,

*Superintendent:*

DEAR SIR,—The following report, for the year ending January 31, 1902, is respectfully submitted:

### COMMONWEALTH AVENUE.

Northerly driveway, from Arlington street to Massachusetts avenue, resurfaced with two inches of macadam,	15,400 square yards.
Flagstone cross-walks raised and relaid,	327 square yards.
Gravel walks resurfaced . . . .	8,500 square yards.
Loam bought and spread on plantations,	139 cubic yards.

### THE FENS.

Curbstone reset . . . . .	75 linear feet.
Loam bought and spread on plantations,	1,421 cubic yards.

### RIVERWAY.

Catch-basins built . . . . .	3.
Drain-pipe laid, 8-inch . . . . .	157 linear feet.
Driveway raised and resurfaced . . .	150 square yards.

### OLMSTED PARK.

Walks surfaced with four inches of cinders, 1 mile . . . . .	8,839 square yards.
Walks surfaced with four inches of macadam, 0.44 mile . . . . .	4,344 square yards.
Stone stairways built in walks, two . . . .	34 granite steps.
Drain pipe laid:	
8-inch . . . . .	190 linear feet.
Catch-basins built . . . . .	4.

Loam bought and spread on plantations,	7,727	cubic yards.
Iron pipe fence built . . . . .	516	linear feet.
Driveway raised and resurfaced . . .	375	square yards.

## ARBORWAY.

8-inch drain pipe laid . . . . .	120	linear feet.
Catch-basins built . . . . .	7.	
Loam bought and spread on plantations,	86	cubic yards.
Driveway raised and resurfaced . . .	528	square yards.

## ARNOLD ARBORETUM.

Driveway raised and resurfaced . . .	900	square yards.
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## FRANKLIN PARK.

Walks built ( $\frac{1}{2}$ mile) . . . . .	2,928	square yards.
Drain pipe laid:		
4-inch . . . . .	120	linear feet.
3-inch . . . . .	1,562	linear feet.
Foundation for boundary wall laid . .	400	linear feet.
Excavation for widening Walnut avenue . . . . .	3,500	cubic yards.
Loam bought and spread on plantations . . . . .	9,805	cubic yards.

A flight of four stone steps has been built opposite Angel street, and a flight of 39 stone steps at Hagborne Hill has been removed.

The arrangement of drives, walks and planting spaces at the junction of Pierpont and Playstead roads has been changed to conform to the construction of the glade, in place of the proposed greeting, and the slopes have been regraded.

The gate posts and parapet wall at Forest Hills bridge have been taken down, and the stone hauled to the site of the proposed sanitary building on Schoolmaster Hill.

The trellis at Schoolmaster Hill arbor has been taken down and the stone hauled to the site of the proposed sanitary building in Long Crouch woods.

The potting house has been moved into the yard in front of the repair shops, and rearranged for a storehouse and office building; and the greenhouses have been torn down.

Drilling and pipe-cutting machines have been placed in the machine shop.

An outfit for spraying trees has been made, by mounting a 1½ horse power gasoline engine and a 2½-inch by 3-inch triplex pump on a 470 gallon tank. The pump and engine are coupled directly together, and will deliver twelve gallons per minute, against a pressure of 120 pounds per square inch; or, through  $\frac{1}{2}$ -inch nozzles, will throw two streams to a height of 35 feet.

#### FRANKLIN FIELD.

The large surface drains, that are being built here, are to be completed in May. The unsightly drainage ditch can then be filled, the slope along Talbot avenue can be graded, and the draining and grading of the field can be completed.

Drinking fountain erected . . . . .	1.
Loam bought and spread on plantations,	659 cubic yards.

#### COLUMBIA ROAD.

The New York, New Haven & Hartford Railroad has completed its bridge over Columbia road, at Richfield street; and the unfinished section at that place is being completed by the Street Department.

The Street Department has also completed the abutments, and put in place the iron work of the bridges over the Old Colony division and Shoreham street.

Of the section, 1,175 feet in length, between Mercer and Atlantic streets, that is being constructed by this department, 500 feet have been subgraded; 150 feet are flats, and will require about 12,000 cubic yards of filling before the road can be completed.

Walks macadamized . . . . .	350 square yards.
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#### MARINE PARK.

The shallow water at the end of the channel from Q street wharf interferes considerably with the boats running to Castle Island. The channel is 1,000 feet long, and has a

minimum depth of  $6\frac{1}{2}$  feet at mean low water. For the first 400 feet the channel is 100 feet wide, for the remaining 600 feet it is only 60 feet wide. It ends abruptly about 400 feet from a point where the natural depth is  $6\frac{1}{2}$  feet. But little dredging would be required to extend the channel this 400 feet, as the natural depth is  $4\frac{1}{2}$  to 6 feet.

Drinking fountain erected . . . .	1.
Permanent seats built . . . .	1,281 linear feet.
Boat-landing at iron pier built . . . .	1.
Drain pipe laid (6-inch) . . . .	177 linear feet.

#### CASTLE ISLAND.

Permanent seats built . . . .	779 linear feet.
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#### WOOD ISLAND PARK.

Stone stairway built, one . . . .	30 granite steps.
Permanent seats built . . . .	236 linear feet.
Manholes and tide-gates built . . . .	4.

#### CHARLESTOWN HEIGHTS.

Iron fence erected . . . . .	123½ linear feet.
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#### CHARLESBANK.

The women's gymnasium apparatus has been covered with a wood and canvas roof.

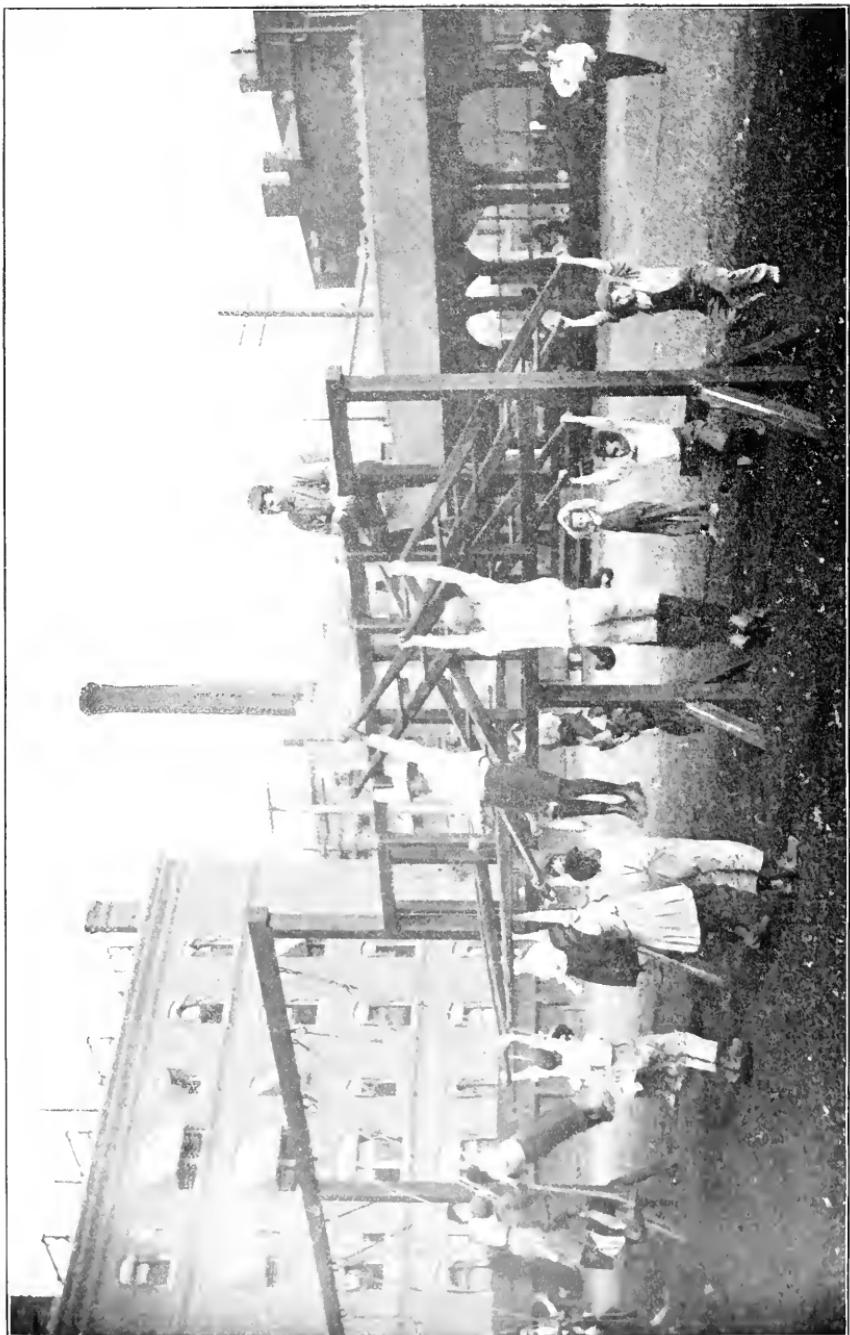
Loam bought and spread on plantations . . . . .	133 cubic yards.
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#### COPP'S HILL TERRACES.

Permanent seats built . . . . .	216 linear feet.
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#### NORTH END BEACH.

The Fiske Wharf and Warehouse Trust has built a bulkhead and deposited about 1,200 cubic yards of filling under the platform, in the rear of the women's bath-house.



COLUMBUS AVENUE PLAYGROUND.  
(Children's Shelter and Gymnastic Apparatus )



## COLUMBUS AVENUE PLAYGROUND.

Drinking fountain erected . . . . .	1.
Open-air shower-baths installed . . . . .	6.
4-inch drain pipe laid . . . . .	150 linear feet.
2-inch water pipe laid . . . . .	200 linear feet.

The Civic League has erected a children's shelter and playhouse, two frames of gymnastic apparatus, and two observation stands with a seating capacity of 1,100; also 80 linear feet of shelter sheds.

## NORTH BRIGHTON PLAYGROUND.

Loam bought and used for surfacing . . . . .	143 cubic yards.
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## BILLINGS FIELD.

Drain pipe laid :

10-inch . . . . .	975 linear feet.
3-inch tile. . . . .	1,680 linear feet.
Water pipe laid (3-inch) . . . . .	50 linear feet.
Loam bought and used for surfacing . . . . .	351 cubic yards.

## NEPONSET PLAYGROUND.

Loam bought and used for surfacing . . . . .	175 cubic yards.
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## SAVIN HILL PLAYGROUND.

A bath locker building, containing 85 lockers, 4 showers, an office room and toilet-rooms has been built.

Water pipe laid :

8-inch . . . . .	125 linear feet.
1-inch . . . . .	325 linear feet.
6-inch sewer laid . . . . .	475 linear feet.

Filling bought and used on dike and beach . . . . .	1,100 cubic yards.
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The beach has been cleared of old bath shanties and of stones.

## Cost of Maintenance Per Acre, 1895-1901, Inclusive.

NAME OF PARK.	Area in Acres.	COST PER ACRE.						
		1895.	1896.	1897.	1898.	1899.	1900.	1901.
Commonwealth avenue.....	30	\$448	\$528	\$519	\$458	\$485	\$534	\$601
Fens.....	115	122	121	125	98	119	126	142
Riverway.....	40	155	212	201	207	177	247	266
Olmsted Park.....	180	51	94	97	72	71	110	112
Arborway.....	36	60	90	140	136	119	126	172
Arnold Arboretum.....	223	27	23	19	26	24	19	33
West Roxbury Parkway.....	150	.....	.....	.....	.....	3	6	3
Franklin Park.....	527	44	55	65	62	75	115	107
Columbia road.....	18.5	.....	.....	.....	.....	.....	284	247
Dorchesterway .....	6	32	45	54	25	61	.....	.....
Strandway .....	40	.....	.....	.....	.....	.....	6	41
Marine Park.....	34	147	185	180	212	270	189	174
Dorchester Park.....	26	1	.....	4	1	2	18	15
Chestnut Hill Park.....	42	.....	.....	.....	99	86	86	72
Wood Island Park.....	46	79	162	146	117	151	176	186
North End Beach.....	2.7	.....	.....	†2,338	†3,308	551	26	30
Copps Hill Terraces.....	0.6	.....	.....	.....	.....	715	480	513
Prince Street Playground.....	0.4	.....	.....	444	825	910	680	525
Charlesbank .....	10	1,313	1,374	1,223	970	1,092	984	1,068
Columbus Avenue Playground...	4.8	.....	.....	.....	.....	1	166	666
North Brighton Playground.....	14	.....	.....	.....	9	12	38	70
Rogers Park.....	6.9	.....	.....	.....	.....	100	89	59
Fellows Street Playground.....	0.85	.....	.....	191	*1,900	46	60	253
Forest Hills Playground.....	10.3	.....	.....	.....	.....	.....	13	.....
Roslindale Playground.....	3.7	.....	.....	.....	.....	28	354	335
Billings Field Playground.....	11	.....	.....	30	77	70	94	178
Neponset Playground.....	18	.....	.....	13	48	92	36	60
Ashmont Playground.....	2.2	.....	.....	.....	.....	.....	.....	3
Christopher Gibson Playground..	5.8	.....	.....	1	97	189	312	315
Franklin Field.....	77	11	36	30	35	60	113	146
Savin Hill Playground.....	6	.....	.....	.....	.....	.....	76	183
First Street Playground.....	4.6	.....	.....	113	221	300	101	198
Mystic Playground.....	2.3	.....	.....	*994	47	11	16	80
Charlestown Playground.....	14	5	4	5	27	61	159	113
Charlestown Heights.....	4	458	682	606	525	579	563	541
Berners square.....	1.2	.....	.....	.....	.....	.....	.....	150

\* Including filling and grading.

† Including maintenance of bath-houses.

Cost of maintenance (repairs, cleaning and sprinkling) of drives, walks, and rides per square yard, not including brick and artificial stone walks, 1895 to 1901, inclusive, at Commonwealth avenue, the Fens, Riverway, Olmsted Park, Arborway, Arnold Arboretum, Franklin Park, Columbia road and Marine Park.

YEAR.	Area of Drives. Square Yards.	Area of Walks. Square Yards.	Area of Rides. Square Yards.	Total Area. Square Yards.	Cost Per Square Yard.	Area of Drive-ways in Per Cent. of Total Area.
1895.....	472,900	169,500	81,700	724,100	\$0.063	65.3
1896.....	481,900	177,400	83,900	743,200	0.064	64.8
1897.....	500,500	186,700	86,700	773,900	0.056	64.7
1898.....	529,800	199,900	87,400	817,100	0.051	64.8
1899.....	553,400	217,700	87,400	858,500	0.06	64.5
1900.....	600,100	240,600	87,400	928,100	0.062	64.6
1901.....	600,800	249,300	87,400	937,500	0.064	64.1

The drives are macadamized, the walks are surfaced with macadam or cinders, and the rides are surfaced with gravel and loam.

Respectfully submitted,

C. E. PUTNAM,

*Assistant Engineer.*

## FINANCIAL STATEMENTS.

## I.

*Expenditures for Land, Construction and Maintenance from February 1, 1901, to January 31, 1902.*

PARKS.	Page.	Land.	Construction.	Maintenance.	Totals.
Main Park System:					
Commonwealth avenue ...	36	.....	\$569 17	\$17,102 44	\$17,671 61
Fens .....	36	.....	6,778 08	15,461 04	22,239 12
Riverway .....	37	.....	1,894 93	10,085 52	11,980 45
Olmsted Park .....	38	.....	21,176 53	19,068 84	40,215 37
Arborway .....	39	.....	2,704 43	5,893 75	8,598 18
Arnold Arboretum .....	39	.....	581 99	6,934 43	7,516 42
West Roxbury Parkway..	40	.....	462 14	465 92	928 06
Franklin Park .....	41	.....	36,546 81	53,726 79	90,273 60
Marine Park System:					
Columbia Road*.....	42	\$4,833 23	75,640 40	4,332 82	84,806 45
Dorchesterway .....	42	.....	134 56	7 00	141 56
Strandway .....	43	42,179 08	15,518 81	153 60	57,851 49
Marine Park .....	43	.....	4,822 87	5,625 01	10,447 88
Wood Island Park .....	45	.....	1,991 82	8,098 20	10,090 02
Charlesbank .....	45	.....	1,307 17	10,124 13	11,431 30
Charlestown Heights.....	46	.....	727 81	2,049 56	2,777 37
Charlestown Playground ..	47	.....	166 70	1,503 48	1,670 18
Dorchester Park .....	47	.....	19 87	380 34	400 21
Franklin Field .....	47	.....	4,652 75	10,687 83	15,340 58
North End Beach .....	48	.....	1,917 48	77 00	1,994 48
Copp's Hill Terraces .....	49	.....	124 85	292 69	417 54
Chestnut Hill Park .....	49	3,449 81	1,623 54	2,875 96	7,949 31
North Brighton Playground,	49	.....	3,454 39	924 09	4,378 48
Neponset Playground .....	50	.....	.....	1,016 27	1,016 27
Billings Field .....	50	.....	6,750 24	1,859 61	8,609 85
First Street Playground....	51	.....	.....	865 30	865 30
Prince Street Playground...	51	.....	.....	198 80	198 80
<i>Carried forward</i> .....	.....	\$50,462 12	\$189,567 34	\$179,810 42	\$419,839 88

\* Of this amount \$79,315.13 was expended by Street Department.

EXPENDITURES FOR LAND, ETC.—*Concluded.*

PARKS.	Page.	Land.	Construction.	Maintenance.	Totals.
<i>Brought forward</i> .....		\$50,462 12	\$189,567 34	\$179,810 42	\$419,839 88
Mystic Playground.....	51	.....	.....	173 75	173 75
Fellows Street Playground..	52	.....	365 34	204 06	569 40
Christopher Gibson Play-ground ... .....	52	.....	.....	1,731 43	1,731 43
Rogers Park.....	52	.....	.....	382 93	382 93
Columbus Avenue Play-ground .....	52	19,154 65	.....	3,029 35	22,184 00
Ashmont Playground.....	53	.....	.....	7 00	7 00
Savin Hill Playground.....	53	.....	2,500 00	1,039 89	3,539 89
Roslindale Playground.....	53	.....	.....	1,174 22	1,174 22
Investigating sites for Play-ground (Ward 15).....	54	7 00	.....	.....	7 00
Berners Square.....	54	.....	.....	170 75	170 75
Office expenses.....	54	.....	.....	10,298 44	10,298 44
<b>Totals</b> .....		<b>\$69,623 77</b>	<b>\$192,432 68</b>	<b>\$198,022 24</b>	<b>\$460,078 69</b>

## II.

*Expenditures of this Department in detail from February 1, 1901, to January 31, 1902.*

## COMMONWEALTH AVENUE.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . .	\$414 20
Drainage: labor . . .	6 00
	—————
	\$420 20

*Grading, Loam and General Work.*

Loam: materials . . .	\$91 94
Engineers: labor . . .	8 75
	—————
	100 69

*Plantations.*

Labor and materials . . .	48 28
	—————
	\$569 17

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . .	\$13,105 47
Grounds: labor and materials . . .	2,034 84
Stable account: equipment and supplies . . .	1,533 13
Drainage: labor and materials . . .	271 93
Engineers: labor and materials . . .	80 00
General work: materials . . .	77 07
	—————
	17,102 44
	—————
	\$17,671 61

## FENS.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . .	\$4,889 15
---------------------------	------------

*Grading, Loam and General Work.*

Loam: materials . . .	\$947 25
Gradings: labor and materials . . .	375 78
Fence: labor and materials . . .	61 02
Engineers: labor and materials . . .	34 60
General work: labor and materials . . .	18 68
	—————
	1,437 33

Amounts carried forward,	\$6,326 48	—————
		\$17,671 61

<i>Amounts brought forward,</i>	\$6,326 48	\$17,671 61
---------------------------------	------------	-------------

*Roadways, Gutters and Drainage.*

Roads and walks: labor,	\$394 54	
Drainage: labor and ma-		
terials . . . . .	57 06	
	<u>451 60</u>	
		\$6,778 08

MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and mate-		
rials . . . . .	\$9,269 84	
Grounds: labor and materials . .	3,960 12	
Stable account: equipment and		
supplies . . . . .	1,154 48	
General work: labor and mate-		
rials . . . . .	324 15	
Engineers: labor . . . . .	301 25	
Sea-wall and gate chamber: mate-		
rials . . . . .	281 33	
Drainage: labor . . . . .	164 17	
Live stock: labor and materials . .	5 70	
	<u>15,461 04</u>	
		22,239 12

RIVERWAY.

CONSTRUCTION.

*Plantations.*

Labor and materials . . . . .	\$1,044 34
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*Roadways, Gutters and Drainage.*

Roads and walks: labor		
and materials . . . . .	\$446 15	
Drainage: labor and ma-		
terials . . . . .	348 95	
	<u>795 10</u>	

*Fence.*

Labor . . . . .	36 87
-----------------	-------

*Grading, Loam and General Work.*

Engineers: labor . . . . .	\$14 00	
General work: labor . . . . .	2 62	
Grading: labor . . . . .	2 00	
	<u>18 62</u>	
		1,894 93

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and mate-		
rials . . . . .	\$4,282 74	
Grounds: labor and materials . .	3,390 17	

<i>Amounts carried forward,</i>	\$7,672 91	\$1,894 93	\$39,910 73
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<i>Amounts brought forward,</i>	\$7,672 91	\$1,894 93	\$39,910 73
Buildings: labor and materials . . . . .	1,264 43		
Stable account: equipment and supplies . . . . .	676 59		
General work: labor and materials, . . . . .	329 43		
Engineers: labor . . . . .	82 00		
Drainage: labor and materials . . . . .	60 16		
	_____	10,085 52	_____
			11,980 45

### OLMSTED PARK.

#### CONSTRUCTION.

##### *Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$6,863 93
Drainage: labor and materials . . . . .	389 83
	_____
	\$7,253 76

#### *Plantations.*

Labor and materials . . . . .	6,723 71
-------------------------------	----------

##### *Grading, Loam and General Work.*

Loam: material . . . . .	\$5,147 07
Grading: labor and materials . . . . .	1,165 49
General work: labor and materials . . . . .	288 63
Engineers: labor and materials . . . . .	108 89
	_____
	6,710 08

#### *Fence.*

Labor and materials . . . . .	331 21
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#### *Signs.*

Signs: materials . . . . .	92 33
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#### *Lawns and Woods.*

Labor and materials . . . . .	52 00
-------------------------------	-------

#### *Boating Service.*

Labor . . . . .	13 44
	_____
	\$21,176 53

#### MAINTENANCE.

##### *Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$5,913 09
Grounds: labor and materials . . . . .	5,528 85
General work: labor and materials, . . . . .	2,703 21
Buildings: labor and materials . . . . .	1,986 35
Skating: labor and materials . . . . .	1,554 76
Stable account: equipment and supplies . . . . .	746 78

<i>Amounts carried forward,</i>	\$18,433 04	_____	_____	_____
		\$21,176 53	\$51,891 18	

<i>Amounts brought forward,</i>	\$18,433 04	\$21,176 53	\$51,891 18
Drainage: labor . . . . .	351 92		
Engineers: labor . . . . .	271 00		
Boating service: labor . . . . .	8 88		
Loam: materials . . . . .	4 00		
	_____	19,068 84	_____
			40,245 37

**ARBORWAY.****CONSTRUCTION.***Plantations.*

Labor and materials . . . . .	\$1,222 94
-------------------------------	------------

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$756 20
Drainage: labor and materials . . . . .	326 94
	_____
	1,083 14

*Lighting.*

Electric lights . . . . .	187 98
Signs: materials . . . . .	100 48

*Grading, Loam and General Work.*

Loam: materials . . . . .	\$57 07
Engineers: labor . . . . .	19 25
Grading: labor . . . . .	13 13
General work: materials, . . . . .	5 10
	_____
	94 55

*Lawns and Woods.*

Labor . . . . .	15 34
	_____
	2,704 43

**MAINTENANCE.***Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$4,309 54
Grounds: labor and materials . . . . .	981 49
Stable account: equipment and supplies . . . . .	322 43
Drainage: labor . . . . .	166 20
Engineers: labor . . . . .	92 00
General work: materials . . . . .	22 09
	_____
	5,893 75
	_____
	8,598 18

**ARNOLD ARBORETUM AND BUSSEY PARK.****CONSTRUCTION.***Roadways, Gutters and Drainage.*

Drainage: labor and materials . . . . .	\$286 59
Roads and walks: labor and materials . . . . .	58 08
	_____
	\$344 67

<i>Amounts carried forward,</i>	\$344 67	\$100,734 73
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<i>Amounts brought forward,</i>	\$344 67	\$100,734 73
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*Grading, Loam and General Work.*

Engineers: labor . . . . .	\$74 25
Loam: material . . . . .	44 09
	<hr/>
	118 34

*Boundary Walls and Gateways.*

Fence: materials . . . . .	116 48
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*Plantations.*

Labor . . . . .	2 50
	<hr/>
	\$581 99

**MAINTENANCE.**

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and ma- terials . . . . .	\$5,802 36
Drainage: labor and materials . .	573 94
General work: labor and materials,	351 01
Stable account: equipment and supplies . . . . .	83 22
Engineers: labor . . . . .	49 50
Grounds: labor and materials . .	45 00
Live stock: materials . . . . .	29 40
	<hr/>
	6,934 43
	<hr/>
	7,516 42

**WEST ROXBURY PARKWAY.**

**CONSTRUCTION.**

*Plantations.*

Labor . . . . .	\$274 67
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*Grading, Loam and General Work.*

Engineers: labor and ma- terials . . . . .	\$120 55
Grading: labor . . . . .	2 75
	<hr/>
	123 30

*Roadways, Gutters and Drainage.*

Roads and walks: labor . . . . .	64 17
	<hr/>
	\$462 14

**MAINTENANCE.**

*Grounds, Buildings, Drainage and General Work.*

Grounds: labor . . . . .	\$441 92
Roads and walks: labor . . . . .	7 62
Engineers: labor . . . . .	7 00
General work: materials . . . . .	6 75
Buildings: materials . . . . .	2 63
	<hr/>
	465 92
	<hr/>
	928 06

<i>Amount carried forward,</i>	<hr/>
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\$109,179 21	<hr/>
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*Amount brought forward,* \$109,179 21

## FRANKLIN PARK.

## CONSTRUCTION.

### *Grading, Loam and General Work.*

Grading: labor and materials . . . .	\$9,473 16
Loam: material . . . .	6,535 88
General work: labor and materials . . . .	530 60
Engineers: labor and materials . . . .	199 85
	<hr/>
	\$16,739 49

### *Plantations.*

Labor and materials . . . . 11,958 25

### *Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . .	\$3,036 58
Drainage: labor and ma- terials . . . .	462 09
	<hr/>
	3,498 67

*Arbor and Shelter, Schoolmaster Hill.*

Amount paid under contract . . . . .	\$1,550 00
Labor and materials . . . . .	1,113 89
Plumbing: labor and materials . . . . .	425 04
Architect's commission, . . . . .	200 40
	<hr/>
	3,289 33

### *Repair Shops and Storehouse.*

Labor and materials . . . . . 705 33

Lawns and Woods.

Labor and materials . . . . . 209 40

### Settees.

Materials . . . . . 117 75

### *Shelter, Overlook and Terrace Wall.*

Steps: labor . . . . . 16 50

### *Fences.*

Labor . . . . . 12 09 \_\_\_\_\_ \$36,546 81

MAINTENANCE.

## *Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . \$23,119 07

### Roads and walks: labor and materials

13,195 91

*Amounts carried forward* \$36,314.98 \$36,546.81 \$109,179.21

<i>Amounts brought forward,</i>	\$36,314 98	\$36,546 81	\$109,179 21
General work: labor and materials,	6,785 78		
Buildings: labor and materials .	5,503 84		
Stable account: equipment and supplies .	3,228 95		
Drainage: labor and materials .	730 20		
Engineers: labor and materials .	459 11		
Live stock: labor and materials .	344 64		
Skating: labor .	310 42		
Water supply: materials .	48 87		
	<hr/>	<hr/>	<hr/>
		53,726 79	
			90,273 60

## COLUMBIA ROAD.

## LAND.

Proportion of amount paid by Street Department for land, and expenses chargeable to this department . . . . .	\$4,833 23
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## CONSTRUCTION.

Proportion of amount paid by Street Department for construction, chargeable to this department . . . . .	\$74,481 90
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## Roadways, Gutters and Drainage.

Roads and walks: labor . . . . .	446 43
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## Plantations.

Labor and materials . . . . .	355 18
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## Settees and Signs.

Signs: materials . . . . .	220 39
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## Grading, Loam and General Work.

Engineers: labor . . . . .	136 50
	<hr/>
	75,640 40

## MAINTENANCE.

## Roadways, Grounds, Drainage and General Work.

Roads and walks: labor and materials . . . . .	\$3,020 12
Stable account: equipment and supplies . . . . .	722 59
Grounds: labor and materials . . . . .	328 27
Drainage: labor . . . . .	121 92
Engineers: labor . . . . .	119 00
General work: materials . . . . .	20 92
	<hr/>
	4,332 82
	<hr/>
	84,806 45

## DORCHESTERWAY.

## CONSTRUCTION.

## Roadways, Gutters and Drainage.

Roads and walks: materials . . . . .	\$120 56
	<hr/>

<i>Amounts carried forward,</i>	\$120 56	\$284,259 26
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*Amounts brought forward,*                    \$120 56                    \$284,259 26

*Grading, Loam and General Work.*

Engineers: labor . . . . .	14 00	
		\$184 56

**MAINTENANCE.**

*Roadways, Grounds and Drainage.*

Engineers : labor . . . . .	7 00	
		141 56

**STRANDWAY.**

**LAND.**

Amount paid for land . . . . .	\$42,124 08	
Expenses . . . . .	55 00	
		\$42,179 08

**CONSTRUCTION.**

*Grading, Loam and General Work.*

Grading : labor and materials . . . . .	\$10,235 57	
Engineers: labor and materials . . . . .	792 00	
General work : labor and materials . . . . .	621 36	
		\$11,648 93

*Plantations.*

Labor and materials . . . . .	3,244 51	
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*Roadways, Gutters and Drainage.*

Roads and walks: labor, . . . . .	\$622 52		
Drainage: materials . . . . .	2 85		
		625 37	
			15,518 81

**MAINTENANCE.**

*Roadways, Grounds, Buildings and Drainage.*

Grounds : labor . . . . .	\$51 91		
Engineers : labor . . . . .	46 00		
Drainage : labor . . . . .	28 25		
Buildings : materials . . . . .	14 72		
Boating service : materials . . . . .	12 72		
		153 60	
			57,851 49

**MARINE PARK.**

**CONSTRUCTION.**

*Plantations.*

Labor and materials . . . . .	\$1,335 58	
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<i>Amounts carried forward,</i>	\$1,335 58	
		\$342,252 31

<i>Amounts brought forward,</i>	\$1,335 58	\$342,252 31
<i>Settees.</i>		
Labor and materials . . . .	1,150 96	
<i>Boat Service.</i>		
Boat landing : labor and materials,	979 48	
<i>Roadways, Gutters and Drainage.</i>		
Drainage: labor and ma- terials . . . .	\$175 00	
Roads and walks : labor, . . . .	128 26	
	303 26	
<i>Head House.</i>		
Labor and materials . . . .	238 41	
<i>Water Supply and Fountains.</i>		
Fountains : labor and Materials . . . .	120 36	
<i>Grading, Loam, and General Work.</i>		
Engineers : labor . . . .	\$56 65	
Grading: labor . . . .	11 28	
General work: materials, . . . .	5 10	
	73 03	\$4,201 08
<b>CASTLE ISLAND.</b>		
<i>Settees.</i>		
Labor and materials . . . .	\$459 07	
<i>Structures.</i>		
Tool-house : labor and materials,	162 72	
	621 79	
<b>MAINTENANCE.</b>		
<i>Roadways, Grounds, Buildings, Drainage and General Work.</i>		
Grounds : labor and materials . . . .	\$2,115 03	
Buildings : labor and materials . . . .	1,556 53	
Roads and walks : labor and mate- rials . . . . .	1,034 64	
Stable account : equipments . . . .	325 00	
General work : labor and materials,	232 11	
Engineers : labor . . . . .	156 00	
Drainage: labor . . . . .	121 25	
Boating service : materials . . . .	84 45	
	5,625 01	10,447 88
<i>Amount carried forward,</i>		\$352,700 19

*Amount brought forward,* \$352,700 19

### WOOD ISLAND PARK.

#### CONSTRUCTION.

##### *Roadways, Gutters and Drainage.*

Drainage: materials . . . . .	\$528 57
Roads and walks: labor and materials . . . . .	420 53
Steps: labor and materials . . . . .	64 50
	_____
	\$1,013 60

##### *Water Supply, Fountains and Settees.*

Settees: labor and materials . . . . .	\$436 18
Fountains: materials . . . . .	35 00
	_____
	471 18

#### *Plantations.*

Labor and materials . . . . .	460 12
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#### *Grading, Loam and General Work.*

Engineers: labor . . . . .	\$28 00
Grading: labor . . . . .	16 92
General work: labor . . . . .	2 00
	_____
	46 92
	_____
	\$1,991 82

#### MAINTENANCE.

##### *Roadways, Grounds, Buildings, Drainage and General Work.*

Men's gymnasium —	
Grounds, apparatus and building:	
labor and materials . . . . .	\$4,483 10
Grounds: labor and materials . . . . .	1,710 94
General work: labor and materials . . . . .	715 07
Skating: labor . . . . .	772 60
Roads and walks: labor and materials . . . . .	312 06
Drainage: labor and materials . . . . .	100 93
Engineers: labor . . . . .	3 50
	_____
	8,098 20
	_____
	10,000 02

### CHARLES BANK.

#### CONSTRUCTION.

##### *Plantations.*

Labor . . . . .	\$648 96
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##### *Structures.*

Women's gymnasium building: labor and materials . . . . .	525 03
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<i>Amounts carried forward</i>	\$1,173 99	\$362,790 21
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*Amounts brought forward,*      \$1,173 99      \$362,790 21

*Grading, Loam and General Work.*

Loam: materials . . .	\$112 54
General work: labor . . .	6 89
	<hr/>
	119 43

*Walks and Drainage.*

Drainage: labor . . . .	8 25
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*Settees.*

Labor . . . . .	5 50
	<hr/>
	\$1,307 17

**MAINTENANCE.**

*Grounds, Walks, Buildings and General Work.*

**Men's gymnasium—**

Grounds, apparatus and building:	
labor and materials . . . .	\$3,438 86

**Women's gymnasium—**

Grounds, apparatus and building:	
labor and materials . . . .	2,951 02

Grounds and walks: labor and	
materials . . . . .	2,843 13

General work: labor and mate-	
rials . . . . .	551 06

Skating: labor and materials . . . .	233 72
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Fence: labor and materials . . . .	56 16
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Drainage: labor . . . . .	21 18
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Engineers: labor . . . . .	17 50
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Boating service: materials . . . .	11 50
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	<hr/>
	10,124 13

	<hr/>
	11,431 30

**CHARLESTOWN HEIGHTS.**

**CONSTRUCTION.**

*Plantations.*

Labor and materials . . . . .	\$346 27
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*Fence.*

Fence: labor and materials . . . .	187 85
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*Walks, Gutters and Drainage.*

Walks: labor . . . . .	\$140 86
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Drainage: labor and	
materials . . . . .	48 08

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	184 94
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*Grading, Loam and General Work.*

General work: labor . . . .	\$3 00
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Engineers: labor . . . .	1 75
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	<hr/>
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	4 75
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	\$727 81
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<i>Amounts carried forward,</i>	<hr/>
	\$727 81
	<hr/>
	\$374,221 51

*Amounts brought forward,* \$727 81 \$374,221 51

## MAINTENANCE.

### *Grounds, Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor and materials	.	\$1,597	58
Buildings: labor and materials	:	434	28
General work: materials	.	12	45
Drainage: labor	.	5	25
		2,049	56
			2,777
			37

## CHARLESTOWN PLAYGROUND.

CONSTRUCTION.

### *Water Supply and Fountains.*

Fountains: materials . . . . . \$166 70

## MAINTENANCE,

### *Grounds, Walks, Drainage and General Work.*

Skating: labor and materials	\$752 69
Grounds and walks: labor and materials	569 30
Engineers: labor	85 00
General work: materials	56 64
Stable account: equipment and supplies,	37 85
Drainage: labor	2 00
	—
	1,503 48
	—
	1,670 18

## DORCHESTER PARK.

## CONSTRUCTION.

### *Plantations.*

• • •

## MAINTENANCE.

<i>Grounds, Walks, Buildings, Drainage and General Work.</i>				
Grounds and walks: labor . . . . .		\$296	76	
Engineers: labor . . . . .		39	00	
Skating: labor . . . . .		27	69	
Buildings: labor . . . . .		16	89	
			—	380 34
				400 21

FRANKLIN FIELD

## CONSTRUCTION

*Plantations*

or and materials . . . . \$3,036 31

<i>Amounts brought forward,</i>	\$3,036 31	\$379,069 27
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*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$634 07
Loam: materials . . . . .	439 31
Engineers: labor and materials . . . . .	23 15
General work: materials, . . . . .	10 20
	_____
	1,106 73

*Water Supply and Fountains.*

Fountains: labor and materials . . . . .	226 85
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*Walls.*

Labor . . . . .	171 86
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*Walks, Gutters and Drainage.*

Drainage: labor . . . . .	\$101 00
Walks: materials . . . . .	10 00
	_____
	111 00
	_____
	\$4,652 75

**MAINTENANCE.**

*Grounds, Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	\$5,640 01
Skating: labor and materials . . . . .	2,169 39
Sheepfold: labor and materials . . . . .	1,615 98
General work: labor and materials . . . . .	475 58
Stable account: equipment and supplies . . . . .	339 69
Engineers: labor and materials . . . . .	224 18
Buildings: labor and materials . . . . .	122 75
Drainage: labor and materials . . . . .	100 25
	_____
	10,687 83
	_____
	15,340 58

**NORTH END BEACH.**

**CONSTRUCTION.**

*Clearing, Grading, Loam and General Work.*

Judgment for damages . . . . .	\$1,859 73
Engineers: labor . . . . .	57 75
	_____
	\$1,917 48

**MAINTENANCE.**

*Grounds, Walks and Buildings.*

Engineers: labor . . . . .	\$42 50
Grounds: labor and materials . . . . .	34 50
	_____
	77 00
	_____
	1,994 48
<i>Amount carried forward,</i>	_____
	\$396,404 33

*Amount brought forward,* \$396,404 33

### COPP'S HILL TERRACES.

#### CONSTRUCTION.

##### *Settees.*

Labor and material . . . . . \$68 18

##### *Plantations.*

Labor . . . . .	56 67	\$124 85
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#### MAINTENANCE.

##### *Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	292 69	417 54
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### CHESTNUT HILL PARK.

#### *Land.*

Amount paid for land . . . . . \$3,449 81

#### CONSTRUCTION.

##### *Plantations.*

Labor and materials . . . . . \$908 51

##### *Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$638 84
Drainage: labor . . . . .	18 00
	656 84

##### *Grading, Loam and General Work.*

Engineers: labor . . . . .	\$42 50
Grading: labor . . . . .	15 69
	58 19
	1,623 54

#### MAINTENANCE.

##### *Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$1,423 32
Roads and walks: labor and materials . . . . .	1,326 07
Engineers: labor . . . . .	46 00
Drainage: labor and materials . . . . .	42 22
General work: labor and materials, . . . . .	20 35
Buildings: materials . . . . .	18 00
	2,875 96
	7,949 31

### NORTH BRIGHTON PLAYGROUND.

#### CONSTRUCTION.

##### *Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$1,529 22
General work: labor and materials . . . . .	312 73
Loam: materials . . . . .	95 59
Engineers: labor . . . . .	59 50
	\$1,997 04

*Amounts carried forward,* \$1,997 04 \$404,771 18

*Amounts brought forward,*      \$1,997 04      \$404,771 18

### *Filling.*

## Materials . . . . . 870 47

### *Plantations.*

Labor and materials . . . . . 475 08

### *Walks, Gutters and Drainage.*

Drainage: labor and materials	:	:	:	\$76 52
Walks: labor	:	:	:	35 28
				<hr/>
				111 80
				<hr/>
				\$3,454 39

## MAINTENANCE.

### *Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials	\$464 61
Skating: labor and materials	437 58
General work: materials	14 90
Engineers: labor	7 00
	<hr/>
	924 09
	<hr/>
	4,378 48

## NEPONSET PLAYGROUND.

## MAINTENANCE.

### *Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . .	\$475	58
Skating: labor and materials . . . .	344	35
Loam: materials . . . . .	106	62
General work: materials . . . . .	45	00
Filling: materials . . . . .	41	22
Engineers: labor . . . . .	3	50
		1,016
		27

## BILLINGS FIELD.

CONSTRUCTION.

### *Walks and Drainage.*

Drainage: labor and materials . . . \$2,561 17

### *Grading, Loam and General Work.*

Grading: labor . . .	\$1,457	97
Loam: materials . . .	234	28
Engineers: labor . . .	198	50
General work: labor and materials . . .	18	08
		1,908
		83

### *Plantations.*

Labor and materials . . . . . 1,566 24

*Amounts carried forward,*      \$6,036 24      \$410,165 93

*Amounts brought forward,*      \$6,036 24      \$410,165 93

*Gymnasium Apparatus.*

Gymnasium apparatus:	
materials . . . . .	\$279 05
Toboggan slide: labor . . . . .	123 31
	_____
	402 36

*Filling.*

Materials . . . . .	234 40
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*Water Supply.*

Materials . . . . .	77 24
	_____
	\$6,750 24

**MAINTENANCE.**

*Grounds, Walks, Drainage and General Work.*

Skating: labor and materials . . . . .	\$796 70
Grounds and walks: labor and materials . . . . .	611 89
Drainage: labor and materials . . . . .	241 53
Filling: materials . . . . .	130 07
General work: materials . . . . .	57 17
Buildings: labor . . . . .	9 75
Stable account: equipment and supplies . . . . .	9 00
Engineers: labor . . . . .	3 50
	_____
	1,859 61
	_____
	8,609 85

**FIRST STREET PLAYGROUND.**

**MAINTENANCE.**

*Grounds, Walks, Drainage and General Work.*

Skating: labor and materials . . . . .	\$414 95
Grounds and walks: labor and materials . . . . .	332 35
Loam: materials . . . . .	98 03
Drainage: labor . . . . .	16 47
Engineers: labor . . . . .	3 50
	_____
	865 30

**PRINCE STREET PLAYGROUND.**

**MAINTENANCE.**

*Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	\$190 80
Engineers: labor . . . . .	7 00
General work: materials . . . . .	1 00
	_____
	198 80

**MYSTIC PLAYGROUND.**

**MAINTENANCE.**

*Grounds, Walks, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$171 55
General work: materials . . . . .	2 20
	_____
	173 75

*Amount carried forward,*      \$420,013 63

*Amount brought forward,* \$420,013 63

### FELLOWS STREET PLAYGROUND.

#### CONSTRUCTION.

##### *Plantations.*

Labor . . . . .	\$249 85
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##### *Grading, Loam and General Work.*

Grading: labor . . . . .	\$70 49
General work: materials, . . . . .	45 00
	115 49
	_____
	\$365 34

#### MAINTENANCE.

##### *Grounds and Walks.*

Grounds: labor and materials . . . . .	204 06
	_____
	569 40

### CHRISTOPHER GIBSON PLAYGROUND.

#### MAINTENANCE.

##### *Grounds, Walks, Buildings, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$695 68
Buildings: labor and materials . . . . .	669 86
Skating: labor and materials . . . . .	341 01
General work: materials . . . . .	17 88
Settees: labor . . . . .	7 50
	_____
	1,731 43

### ROGERS PARK.

#### MAINTENANCE.

##### *Grounds, Walks, Drainage and General Work.*

Grounds: labor and materials . . . . .	382 93
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### COLUMBUS AVENUE PLAYGROUND.

#### LAND.

Amount paid for land . . . . .	\$19,119 65
Expenses . . . . .	35 00
	_____
	\$19,154 65

#### MAINTENANCE.

##### *Grounds, Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	\$1,207 05
Skating: labor and materials . . . . .	1,187 43
Water supply and fountain: materials . . . . .	182 74
Stable account: equipment and supplies . . . . .	144 71
Loam: materials . . . . .	74 79
General work: materials . . . . .	71 08

Amounts carried forward,	\$2,867 80	\$19,154 65	\$422,697 39
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<i>Amounts brought forward,</i>	\$2,867 80	\$19,154 65	\$422,697 39
Filling: materials . . . . .	65 60		
Buildings: materials . . . . .	51 98		
Drainage: labor and materials . . . . .	33 47		
Engineers: labor . . . . .	10 50		
		<u>3,029 35</u>	
			<u>22,184 00</u>

## SAVIN HILL PLAYGROUND.

## CONSTRUCTION.

*Bath House.*

Amount paid under contract . . . . .	\$1,830 00
Labor . . . . .	194 14
	<u>\$2,024 14</u>

*Grading, Loam and General Work.*

Grading: labor . . . . .	\$172 06
Engineers: labor . . . . .	35 00
	<u>207 06</u>

*Filling.*

Material . . . . .	160 56
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*Walks and Drainage.*

Drainage: labor . . . . .	108 24
	<u>\$2,500 00</u>

## MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

Bath house: labor and materials . . . . .	\$562 42
Grounds: labor and materials . . . . .	145 01
General work: materials . . . . .	100 81
Drainage: materials . . . . .	79 46
Filling: material . . . . .	66 57
Water supply: materials . . . . .	63 52
Engineers: labor and materials . . . . .	22 10
	<u>1,039 89</u>
	<u>3,539 89</u>

## ROSLINDALE PLAYGROUND.

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$567 55
Skating: labor and materials . . . . .	404 25
Drainage: labor and materials . . . . .	141 99
General work: materials . . . . .	45 00
Fence: materials . . . . .	15 43
	<u>1,174 22</u>

## ASHMONT PLAYGROUND.

## MAINTENANCE.

*Grounds and Walks.*

Engineers: labor . . . . .	7 00
<i>Amount carried forward,</i>	<u>\$449,602 50</u>

<i>Amount brought forward,</i>	\$449,602 50
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**BERNERS SQUARE.**

**MAINTENANCE.**

*Grounds and Walks.*

Grounds: labor . . . . .	170 75
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**PLAYGROUNDS.**

**INVESTIGATING SITES, WARD 15.**

Engineers: labor . . . . .	7 00
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**OFFICE EXPENSES.**

**MAINTENANCE.**

Salaries . . . . .	\$7,831 00
Printing . . . . .	1,275 28
Telephones and expenses . . . . .	477 81
Carriage-hire . . . . .	454 00
Park Investigation expenses . . . . .	115 00
Stationery . . . . .	67 85
Travelling expenses . . . . .	42 00
Office furniture . . . . .	19 00
Office library . . . . .	16 50
	10,298 44
	<u>\$460,078 69</u>

**III.**  
**General Exhibit of Appropriations, 1901-1902.**

OBJECTS OF APPROPRIATION.	Page	Balances January 31, 1901.	Appropriations and Transfers, 1901-1902.	Total Credits.	Expenditures, 1901-1902.	Balance January 31, 1902.	Trans- ferred or Merged.
Public Parks, Land and Construction.....	56	\$69,613.44	\$42,065.68	\$131,679.12	\$131,679.12	.....	.....
North Brighton Playground.....	56	3,454.39	.....	3,454.39	3,454.39	.....	.....
Fellow's Street Playground.....	56	365.34	.....	365.34	365.34	.....	.....
Chestnut Hill Park.....	57	92,234.60	.....	92,234.60	3,449.81	\$88,754.79	.....
Playgrounds.....	57	149,731.57	.....	149,731.57	19,161.65	130,569.92	.....
Gymnasium, Ward 10.....	57	*3,500.00	.....	.....	.....	3,500.00	.....
Speedway, Franklin Field.....	57	25,000.00	.....	25,000.00	.....	25,000.00	.....
Columbia Road.....	57	.....	79,316.13	79,316.13	.....	.....	.....
Billing's Field.....	57	.....	10,000.00	10,000.00	6,750.24	3,249.76	.....
Savin Hill Beach.....	58	.....	2,500.00	2,500.00	2,500.00	.....	.....
Strandway.....	58	.....	225,000.00	225,000.00	15,380.77	209,619.23	.....
Playground, Ward 2.....	58	.....	25,000.00	25,000.00	25,000.00	25,000.00	.....
Gymnasium, First Street Playground.....	58	.....	9,550.00	9,550.00	.....	9,550.00	.....
Parks, Brighton District.....	58	.....	25,000.00	25,000.00	.....	25,000.00	.....
Playground, Ward 22.....	58	.....	30,000.00	30,000.00	.....	30,000.00	.....
Park Department, Maintenance.....	59	.....	198,140.35	198,140.35	198,022.24	.....	\$118.11
		\$363,699.34	\$646,571.16	\$1,006,970.50	\$460,078.69	\$546,773.70	\$3,618.11

\* Transferred to Public Parks, Land and Construction.

## IV.

*Appropriations and Balances in Detail for the Financial Year 1901-1902.*

## PUBLIC PARKS.

Balance unexpended January 31, 1901 . . . . .	\$89,613 44
Loan issued September 4, 1901 . . . . .	21,000 00
Amount transferred by City Auditor . . . . .	17,565 68
Amount transferred from Gymnasium, Ward 10 . . . . .	3,500 00
	<u><u>\$131,679 12</u></u>

## EXPENDITURES.

Commonwealth Avenue . . . . .	\$569 17
Fens . . . . .	6,778 08
Riverway . . . . .	1,894 93
Olmsted Park . . . . .	21,176 53
Arborway . . . . .	2,704 43
Arnold Arboretum and Bussey Park . . . . .	581 99
West Roxbury Parkway . . . . .	462 14
Franklin Park . . . . .	36,546 81
Dorchesterway . . . . .	148 56
Strandway . . . . .	42,317 12
Marine Park . . . . .	4,822 87
Wood Island Park . . . . .	1,991 82
Charlesbank . . . . .	1,307 17
Charlestown Heights . . . . .	727 81
Charlestown Playground . . . . .	166 70
Dorchester Park . . . . .	19 87
Franklin Field . . . . .	4,652 75
North End Beach . . . . .	1,917 48
Copp's Hill Terraces . . . . .	124 85
Chestnut Hill Park . . . . .	1,623 54
Columbia Road . . . . .	1,144 50
	<u><u>\$131,679 12</u></u>

## NORTH BRIGHTON PLAYGROUND.

Balance unexpended January 31, 1901 . . . . .	\$3,454 39
<hr/>	

## EXPENDITURES.

Paid on account of construction . . . . .	\$3,454 39
<hr/>	

## FELLOWS STREET PLAYGROUND.

Balance unexpended January 31, 1901 . . . . .	\$365 34
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## EXPENDITURES.

Paid on account of construction . . . . .	\$365 34
<hr/>	

CHESTNUT HILL PARK (*Land*).

Balance unexpended January 31, 1901 . . . . .	<u>\$92,234 60</u>
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## EXPENDITURES.

Paid on account of land . . . . .	\$3,449 81
Balance unexpended January 31, 1902 . . . . .	<u>88,784 79</u>
	<u>\$92,234 60</u>

PLAYGROUNDS (*Land*).

Balance unexpended January 31, 1901 . . . . .	<u>\$149,731 57</u>
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## EXPENDITURES.

Columbus Avenue Playground . . . . .	\$19,154 65
Investigating sites for Playground, Ward 15 . . . . .	7 00
Balance unexpended January 31, 1902 . . . . .	<u>130,569 92</u>
	<u>\$149,731 57</u>

## GYMNASIUM, WARD 10.

Amount appropriated under general loan order, dated October 1, 1897 . . . . .	<u>\$3,500 00</u>
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## EXPENDITURES.

Amount transferred to Public Parks, Land and Construction, . . . . .	<u>\$3,500 00</u>
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## SPEEDWAY, FRANKLIN FIELD.

Amount appropriated under loan order approved by the Mayor, January 5, 1901 . . . . .	<u>\$25,000 00</u>
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## EXPENDITURES.

Balance unexpended January 31, 1902 . . . . .	<u>\$25,000 00</u>
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## COLUMBIA ROAD.

Proportion of highway loan, issued as Public Park Loan, in year 1901, under Chap. 319, Acts of 1897 . . . . .	<u>\$79,315 13</u>
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## EXPENDITURES.

Paid on account of land . . . . .	\$4,833 23
Paid on account of construction . . . . .	<u>74,481 90</u>
	<u>\$79,315 13</u>

## BILLINGS FIELD.

Amount appropriated under loan order approved by the Mayor, November 1, 1901 . . . . .	<u>\$10,000 00</u>
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## EXPENDITURES.

Paid on account of construction . . . . .	\$6,750 24
Balance unexpended January 31, 1902 . . . . .	<u>3,249 76</u>
	<u>\$10,000 00</u>

## SAVIN HILL BEACH.

Amount transferred from Reserve Fund, by order of City Council, June 13, 1901 . . . . .	<u>\$2,500 00</u>
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## EXPENDITURES.

Paid on account of construction . . . . .	<u>\$2,500 00</u>
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## STRANDWAY.

Amount appropriated under general loan order approved by the Mayor, July 3, 1901 . . . . .	<u>\$225,000 00</u>
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## EXPENDITURES.

Expenses on account of land . . . . .	\$30 00
Paid on account of construction, . . . . .	15,350 77
Balance unexpended January 31, 1902 . . . . .	<u>209,619 23</u>

<u>\$225,000 00</u>
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## PLAYGROUND, WARD 2.

Amount appropriated under loan order approved by the Mayor, October 22, 1901 . . . . .	<u>\$25,000 00</u>
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## EXPENDITURES.

Balance unexpended January 31, 1902 . . . . .	<u>\$25,000 00</u>
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## GYMNASIUM, FIRST STREET PLAYGROUND.

Amount appropriated under loan order approved by the Mayor, November 1, 1901 . . . . .	<u>\$9,550 00</u>
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## EXPENDITURES.

Balance unexpended January 31, 1902 . . . . .	<u>\$9,550 00</u>
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## PARKS, BRIGHTON DISTRICT.

Amount appropriated under loan order approved by the Mayor, December 18, 1901 . . . . .	<u>\$25,000 00</u>
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## EXPENDITURES.

Balance unexpended, January 31, 1902 . . . . .	<u>\$25,000 00</u>
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## PLAYGROUND, WARD 22.

Amount appropriated under loan order approved by the Mayor, January 4, 1902 . . . . .	<u>\$30,000 00</u>
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## EXPENDITURES.

Balance unexpended January 31, 1902 . . . . .	<u>\$30,000 00</u>
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## PARK DEPARTMENT.

## MAINTENANCE.

Appropriation for financial year 1901-1902 .	\$190,000 00
Amount contributed by abutters, Commonwealth avenue . . . . .	6,000 00
Amount transferred by City Auditor . . . . .	1,800 00
Collections on account of labor credited to appropriation . . . . .	340 35
	<hr/>
	\$198,140 35

## EXPENDITURES.

Paid on account of maintenance as per Exhibit, page 28 . . . . .	\$198,022 24
Balance merged into General City Funds . . . . .	118 11
	<hr/>
	\$198,140 35

## INCOME.

## RECEIPTS.

Received from rents, sale of buildings, wool, sheep, grass, wood, etc. . . . . .	\$2,603 39
	<hr/>

## PAYMENTS.

Income carried to General City Income . . . . .	\$2,486 37
Balance on hand January 31, 1902 . . . . .	117 02
	<hr/>
	\$2,603 39

## V.

*Summary of Expenditures on Account of Park and Play-ground Construction from the Organization of the Board, October 8, 1875, to January 31, 1902.*

## MAIN PARK SYSTEM.

## COMMONWEALTH AVENUE.

Roadways, sidewalks, gutters and drainage,	\$84,842	41
Plantations . . . . .	12,741	87
Electric lighting . . . . .	5,690	65
Lawns and woods, grading, loam, and general work . . . . .	3,268	14
Machinery, tools, etc. . . . .	884	90
Settees and signs . . . . .	458	41
Plans and designs . . . . .	22	90
		—
		\$107,909 28

## FENS.

Filling . . . . .	\$576,811	15
Excavating, lawns and woods, grading, loam and general work . . . . .	550,289	62
Roadways, sidewalks, gutters and drainage . . . . .	354,908	18
Retaining walls, curb and fence . . . . .	118,177	77
Plantations . . . . .	96,974	15
Boylston bridge . . . . .	92,011	43
Charlesgate bridge . . . . .	65,287	67
Agassiz bridge . . . . .	52,013	50
Sea-wall, gate-chamber and filling . . . . .	48,442	99
Stony brook bridge . . . . .	40,007	11
Railroad bridge . . . . .	39,995	04
Fen bridge . . . . .	29,427	80
Plans, designs and superintendence . . . . .	27,280	28
Machinery, tools, etc. . . . .	14,188	99
Office and general expenses . . . . .	14,114	92
Electric lighting . . . . .	7,015	30
Surveying . . . . .	5,472	16
Stony brook channel and gate-house . . . . .	2,181	28
Water supplies, settees and live stock . . . . .	1,766	70
Duck-house . . . . .	350	00
Boating-service . . . . .	306	04
		—
		2,137,022 08

## RIVERWAY.

Excavating, lawns and woods, grading loam and general work . . . . .	\$193,269	05
Filling . . . . .	104,143	90
Roadways, sidewalks, gutters and drainage . . . . .	101,050	47
Longwood avenue bridge . . . . .	66,925	90
Audubon bridge . . . . .	39,654	27
Bridle-path bridge . . . . .	32,929	09
		—

*Amounts carried forward,*

\$537,972 68 \$2,244,931 36

<i>Amounts brought forward,</i>					
Plantations . . . . .	\$537,972	68	\$2,244,931	36	
Administration building . . . . .	28,676	39			
✓ Foot-bridges and culverts . . . . .	27,005	12			
Tremont street bridge . . . . .	14,345	00			
✓ Brookline avenue bridge . . . . .	13,273	53			
✓ Retaining walls . . . . .	8,936	82			
Bellevue street bridge . . . . .	8,852	06			
Surveys, plans, designs and superintendence, . . . . .	8,163	96			
Shelter . . . . .	7,196	67			
Electric lighting . . . . .	4,513	65			
Water supplies, settees and fence . . . . .	2,895	97			
Machinery, tools, etc. . . . .	2,298	18			
Boating-service . . . . .	468	75			
Gate-house . . . . .	181	21			
	105	15			
					664,885 14

**OLMSTED PARK.**

Excavating, lawns and woods, grading, loam and general work . . . . .	\$343,631	54			
Roadways, sidewalks, gutters and drainage, . . . . .	153,208	88			
Plantations . . . . .	70,163	24			
✓ Retaining-walls, steps and culverts . . . . .	67,285	21			
Pine Bank House and horse-sheds . . . . .	32,774	10			
Electric lighting . . . . .	10,484	39			
Surveys, plans, designs and superintendence, . . . . .	10,368	43			
✓ Leverett pond bridge . . . . .	9,850	59			
Water supply, fountains, settees and signs . . . . .	9,115	00			
✓ Foot-bridges and culverts . . . . .	6,843	46			
Machinery, tools, etc. . . . .	6,167	55			
Boating-service . . . . .	1,612	18			
Iron railing and fence . . . . .	1,494	84			
Gate-house . . . . .	80	73			
					723,080 14

**ARBORWAY.**

Roadways, sidewalks, gutters and drainage, . . . . .	\$171,145	01			
Lawns and woods, grading grounds, loam and general work . . . . .	89,244	83			
Arches . . . . .	64,631	57			
Plantations . . . . .	19,928	39			
Water supply, settees and signs . . . . .	10,567	97			
Culverts . . . . .	5,489	53			
Walls . . . . .	5,063	52			
✓ Stony brook bridge . . . . .	4,503	43			
Electric lighting . . . . .	3,638	48			
Filling . . . . .	2,819	16			
Machinery, tools, etc. . . . .	2,360	62			
Plans and designs . . . . .	281	94			
Gas-lamps . . . . .	80	00			
					379,754 45

**ARNOLD ARBORETUM AND BUSSEY PARK.**

Roadways, sidewalks, gutters and drainage, . . . . .	\$310,015	68			
Lawns and woods, grading, loam and general work . . . . .	31,927	03			
Boundary walls and gateways . . . . .	30,951	66			
Machinery, tools, etc. . . . .	3,607	23			
Plans, designs and superintendence . . . . .	1,652	47			

<i>Amounts carried forward,</i>					
	\$378,154	07	\$4,012,651	09	

<i>Amounts brought forward,</i>	\$378,154 07	\$4,012,651 09
Plantations . . . . .	1,109 65	
Water supply and settees . . . . .	514 20	
Surveying . . . . .	100 00	
		<u>379,877 92</u>

## WEST ROXBURY PARKWAY.

Lawns and woods, grading grounds, loam and general work . . . . .	\$12,705 19
Roadways, gutters and drainage . . . . .	4,525 87
Plantations . . . . .	2,761 02
Plans, designs and superintendence . . . . .	577 01
Walls . . . . .	12 88
	<u>20,581 97</u>

## FRANKLIN PARK.

Roadways, sidewalks, gutters and drainage, . . . . .	\$810,738 28
Lawns and woods, grading grounds, loam and general work . . . . .	573,626 18
Plantations . . . . .	217,996 34
Refectory building . . . . .	109,793 15
Park wall and gateways . . . . .	89,881 56
Seaver-street improvement . . . . .	84,817 75
Shelter, Overlook and Terrace wall . . . . .	64,534 09
Forest Hills bridge . . . . .	52,972 17
Scarboro' Pond . . . . .	40,943 11
Arbor and Shelter, Schoolmaster Hill . . . . .	32,803 44
Plans, designs and superintendence . . . . .	28,343 95
Reservoir . . . . .	27,634 39
Stable building, repair shops and store- house . . . . .	26,959 72
✓ Scarboro' Pond bridges . . . . .	26,703 10
Water supply, fountains and settees . . . . .	26,484 31
Ellicott Arch . . . . .	16,732 21
Pergola wall, steps and terrace . . . . .	16,244 30
Carriage-sheds . . . . .	15,510 98
Ellicott House . . . . .	14,922 87
Ellicottdale . . . . .	12,542 94
Machinery, tools, etc. . . . .	12,413 15
Temporary buildings and structures . . . . .	12,299 11
Playstead . . . . .	10,399 76
Propagating-house . . . . .	8,205 55
Electric lighting . . . . .	6,182 09
Concourse, Scarboro' Hill . . . . .	3,569 80
Culverts . . . . .	3,129 34
Carriage shelter . . . . .	2,694 70
Fences . . . . .	1,547 45
Boating-service . . . . .	51 16
	<u>2,350,676 95</u>

## MARINE PARK SYSTEM.

## COLUMBIA ROAD.

Construction by Street Department . . . . .	\$299,481 90
Roadways, gutters and drainage . . . . .	446 43
Plantations . . . . .	355 18
Settees and signs . . . . .	220 39
Grading, loam and general work . . . . .	136 50
	<u>300,640 40</u>

*Amount carried forward,*

\$7,064,428 33

*Amount brought forward,* \$7,064,428 33

DORCHESTERWAY.

Roadways, sidewalks, gutters and drainage . . . . .	\$31,660 41
Filling . . . . .	21,821 82
Grading loam and general work . . . . .	9,578 09
Plans, designs and superintendence . . . . .	1,317 24
Culverts . . . . .	653 00
Plantations . . . . .	156 56
	_____
	65,187 12

STRANDWAY.

Sea-wall and grading . . . . .	\$129,578 38
Filling . . . . .	104,657 72
Lawns and woods, grading, loam and general work . . . . .	41,248 45
Public landing and shelter . . . . .	15,013 13
Roadways, gutters and drainage . . . . .	5,149 60
Plantations . . . . .	3,263 31
Fence . . . . .	1,739 38
Plans, designs and superintendence . . . . .	479 77
Fountains . . . . .	290 44
Electric lighting . . . . .	178 00
Culverts . . . . .	60 50
	_____
	301,658 68

MARINE PARK.

Filling, lawns and woods, grading, loam and general work . . . . .	\$581,774 04
Iron pier and railing . . . . .	175,571 99
Head-house . . . . .	111,074 54
Pier head . . . . .	67,232 97
Structures, temporary pier and gas-lights . . . . .	43,829 05
Roadways, sidewalks, gutters and drainage . . . . .	41,454 47
Plantations . . . . .	12,986 21
Bulkhead . . . . .	4,996 00
Plans, designs and superintendence . . . . .	3,870 46
Water supply, settees and fence . . . . .	3,478 08
Electric lighting . . . . .	2,453 04
Boating-service . . . . .	2,003 09
Dredging . . . . .	1,114 20
Machinery, tools and implements . . . . .	38 00
	_____
	1,051,876 14

CASTLE ISLAND.

Temporary buildings and structures . . . . .	\$25,751 42
Clearing, grading grounds and drainage . . . . .	3,837 98
Water supply, settees and tent . . . . .	2,509 17
Plantations . . . . .	486 98
Shelter plans . . . . .	100 00
	_____
	32,685 55

WOOD ISLAND PARK.

Lawns and woods, grading, loam and general work . . . . .	\$103,396 00
Neptune bridge . . . . .	32,320 63
Filling . . . . .	29,852 82
Field-house . . . . .	20,283 89
Plantations . . . . .	15,795 15
Roads, walks, gutters and drainage . . . . .	15,740 84
	_____

*Amounts carried forward,* \$217,389 33 \$8,515,835 82

<i>Amounts brought forward,</i>	\$217,389 33	\$8,515,835 82
Bath-house . . . . .	9,880 66	
Gymnasium grounds, apparatus and play-ground . . . . .	7,280 92	
Foot-bridge and culverts . . . . .	3,551 90	
Iron fence and frame . . . . .	3,039 99	
Water supply and settees . . . . .	3,011 29	
Electric lighting . . . . .	2,163 53	
Plans, designs and superintendence . . . . .	1,688 03	
Tool-house . . . . .	217 59	
Machinery, tools and implements . . . . .	42 80	
	<hr/>	
		248,266 04

## CHARLESBANK.

Sea-wall and filling . . . . .	\$176,353 90
Gymnasium grounds, apparatus, filling, loam and general work . . . . .	53,430 65
Men's Lavatory building . . . . .	23,250 53
Women's Lavatory building and children's shelter . . . . .	18,876 91
Plantations . . . . .	14,863 44
Walks and drainage . . . . .	11,777 52
Iron railing, fence and gaslights . . . . .	10,024 55
Plans, designs and superintendence . . . . .	2,076 27
Water supply and settees . . . . .	1,078 22
Damages . . . . .	972 51
Machinery, tools, etc. . . . .	56 00
	<hr/>
	312,760 50

## CHARLESTOWN HEIGHTS.

Grading, lawns and woods, filling, loam and general work . . . . .	\$32,934 00
Shelter building . . . . .	27,240 32
Retaining wall . . . . .	18,838 98
Sidewalks, gutters and drainage . . . . .	8,561 03
Plantations . . . . .	8,273 85
Steps . . . . .	3,971 42
Plans, designs and superintendence . . . . .	1,430 59
Fence . . . . .	672 17
Water supply, settees, fountains and flagstaff . . . . .	486 51
Electric lighting . . . . .	334 00
	<hr/>
	102,742 87

## CHARLESTOWN PLAYGROUND.

Grading, loam and general work . . . . .	\$12,583 94
Fence . . . . .	1,703 09
Plantations . . . . .	484 60
Plans, designs and superintendence . . . . .	204 99
Water supply and fountains . . . . .	171 60
Walks and drainage . . . . .	148 86
Tool-house . . . . .	94 93
	<hr/>
	15,392 01

## DORCHESTER PARK.

Grading, lawns and woods, loam and general work . . . . .	\$4,469 13
Walls . . . . .	3,623 82
	<hr/>
<i>Amounts carried forward,</i>	\$8,092 95
	\$9,194,997 24

<i>Amounts brought forward,</i>	\$8,092 95	\$9,194,997 24
Shelter . . . . .	963 32	
Plans, designs and superintendence . . . . .	797 40	
Temporary structures . . . . .	774 95	
Water supply . . . . .	105 53	
Plantations . . . . .	57 90	
Walks and drainage . . . . .	4 48	
		10,796 53

## FRANKLIN FIELD.

Grading, lawns and woods, loam and general work . . . . .	\$33,914 82	
Walks, gutters and drainage . . . . .	28,723 93	
Plantations . . . . .	15,627 30	
Buildings . . . . .	6,744 98	
Fence, flagstaff and wall . . . . .	1,584 83	
Plans, designs and superintendence . . . . .	815 06	
Machinery, tools, etc. . . . .	480 55	
Water supply and fountains . . . . .	273 74	
		88,165 21

## NORTH END BEACH.

Clearing, grading, loam, and general work, Administration Building and Women's bath-house . . . . .	\$62,964 27	
Piers . . . . .	42,683 16	
Men's bath-house . . . . .	31,823 84	
Walls . . . . .	13,052 97	
Iron railing . . . . .	8,422 73	
Walks and drainage . . . . .	3,698 88	
Filling . . . . .	1,946 63	
Plans, designs and superintendence . . . . .	1,302 04	
Boating-service . . . . .	1,189 14	
Band-stand . . . . .	578 32	
Electric lighting . . . . .	571 44	
Water supply, settees and fence . . . . .	407 00	
Boring . . . . .	346 50	
Temporary building . . . . .	224 62	
Plantations . . . . .	33 73	
	17 00	
		169,262 27

## COPP'S HILL TERRACES.

Walls, drainage, grading, loam, and general work . . . . .	\$29,771 52	
Fences . . . . .	1,225 68	
Plantations . . . . .	461 67	
Electric lighting . . . . .	245 25	
Plans, designs and superintendence . . . . .	110 83	
Sidewalks . . . . .	90 58	
Settees . . . . .	68 18	
		31,973 71

## CHESTNUT HILL PARK.

Plantations . . . . .	\$2,138 73	
Roadways, gutters and drainage . . . . .	816 84	
Grading, lawns and woods, loam and general work . . . . .	255 86	
Fence . . . . .	31 74	
		3,243 17
<i>Amount carried forward,</i>		\$9,498,438 13

*Amount brought forward,* \$9,498,438 13

#### NORTH BRIGHTON PLAYGROUND.

Grading, loam and general work . . . . .	\$5,801 89
Filling . . . . .	2,778 30
Walks, gutters and drainage . . . . .	1,428 02
Plantations . . . . .	495 06
	10,508 27

#### NEPONSET PLAYGROUND.

Filling . . . . .	\$5,026 78
Grading, loam and general work . . . . .	2,651 64
Walks and drainage . . . . .	2,566 14
Bulkhead . . . . .	553 10
Plans and designs . . . . .	289 21
Water supply . . . . .	152 48
	11,189 35

#### BILLINGS FIELD.

Walks and drainage . . . . .	\$3,850 95
Lawns and woods, grading, loam and general work . . . . .	3,731 19
Filling . . . . .	3,620 46
Plantations . . . . .	1,566 24
Gymnasium apparatus . . . . .	402 36
Plans and designs . . . . .	239 37
Water supply . . . . .	77 24
	13,487 81

#### FIRST STREET PLAYGROUND.

Grading, loam and general work . . . . .	\$5,320 40
Gutters and drainage . . . . .	2,272 41
Filling . . . . .	987 28
Water supply . . . . .	912 96
Plantations . . . . .	61 80
	9,554 85

#### PRINCE STREET PLAYGROUND.

Grading, loam and general work . . . . .	\$24 90
Plantations . . . . .	9 00
	33 90

#### MYSTIC PLAYGROUND.

Fence . . . . .	\$817 65
Grading, loam and general work . . . . .	742 00
Plantations . . . . .	158 34
	1,717 99

#### FELLOWS STREET PLAYGROUND.

Fence . . . . .	\$524 04
Filling . . . . .	496 28
Plantations . . . . .	274 08
Grading and general work . . . . .	140 99
Settees . . . . .	60 89
	1,496 28

*Amount carried forward,* \$9,546,421 58

*Amount brought forward,* \$9,546,421 58

CHRISTOPHER GIBSON PLAYGROUND.

Locker and Lavatory building . . . . .	\$6,111 20
Grading, loam and general work . . . . .	2,304 84
Filling . . . . .	1,515 04
Plantations . . . . .	90 92
Walks and drainage . . . . .	10 75
Water supply . . . . .	10 00
	_____
	10,042 75

ROGERS PARK.

Walks and drainage . . . . .	\$1,263 22
Fence . . . . .	563 03
Plantations . . . . .	95 58
Grading, loam and general work . . . . .	78 17
	_____
	2,000 00

COLUMBUS AVENUE PLAYGROUND.

Grading, loam and general work . . . . .	\$5,080 20
Walks and drainage . . . . .	791 01
Plantations . . . . .	51 68
	_____
	5,922 89

SAVIN HILL PLAYGROUND.

Filling . . . . .	\$2,430 46
Bath-house . . . . .	2,024 14
Grading, loam and general work . . . . .	827 55
Walks and drainage . . . . .	253 99
	_____
	5,536 14

ROSLINDALE PLAYGROUND.

Grading, loam and general work . . . . .	\$4,052 75
Walks and drainage . . . . .	1,302 56
Walls . . . . .	226 00
Plantations . . . . .	16 00
	_____
	5,597 31

SUNDRY ACCOUNTS.

General account . . . . .	\$73,987 50
Park Nursery . . . . .	29,947 07
Betterment expenses . . . . .	13,356 10
	_____
	117,290 67
	_____
	\$9,692,811 34

## VI.

*Summary of Expenditures on account of Public Parks and Playgrounds, Land, Construction and Betterments, from the Organization of the Board, October 8, 1875, to January 31, 1902.*

## LAND.

## Main Park System:

Fens . . . . .	\$596,254 49
Riverway . . . . .	457,457 53
Olmsted Park . . . . .	1,081,947 60
Arborway . . . . .	245,584 25
Arnold Arboretum and Bussey Park . . . . .	79,343 65
West Roxbury Parkway . . . . .	135,265 29
Franklin Park . . . . .	1,551,196 63
	<hr/> \$4,147,049 44

## Marine Park System:

Columbia Road . . . . .	\$395,833 23
Dorchesterway . . . . .	63,735 54
Strandway . . . . .	565,496 17
Marine Park . . . . .	232,972 57
	<hr/> 1,258,037 51
Wood Island Park . . . . .	132,800 00
Charlesbank . . . . .	373,916 99
Trinity Triangle . . . . .	30,000 00
Charlestown Heights . . . . .	50,538 02
Charlestown Playground . . . . .	172,923 31
Dorchester Park . . . . .	63,239 97
Franklin Field . . . . .	157,341 22
North End Beach . . . . .	328,364 44
Copp's Hill Terraces . . . . .	90,858 19
Chestnut Hill Park . . . . .	61,215 21
North Brighton Playground . . . . .	22,107 12
Neponset Playground . . . . .	24,804 39
Billings Field . . . . .	47,068 98
Freeport street Triangle . . . . .	4,000 00
Prince street Playground . . . . .	160,974 70
Mystic Playground . . . . .	50,125 00
Fellows street Playground . . . . .	14,503 72
Christopher Gibson Playground . . . . .	37,709 58
Columbus avenue Playground . . . . .	287,911 13
Ashmont Playground . . . . .	87 18
Savin Hill Playground . . . . .	27,147 30
Roslindale Playground . . . . .	24,825 11
Forest Hills Playground . . . . .	156 75
Playgrounds, Investigation of sites . . . . .	175 79
	<hr/> \$7,567,881 05

## CONSTRUCTION.

## Main Park system:

Commonwealth Avenue . . . . .	\$107,909 28
Fens . . . . .	2,137,022 08

*Amounts carried forward,* \$2,244,931 36

\$7,567,881 05

<i>Amounts brought forward,</i>	\$2,244,931	36		\$7,567,881	05
Riverway . . . . .	664,885	14			
Olmsted Park . . . . .	723,080	14			
Arborway . . . . .	379,754	45			
Arnold Arboretum and Bussey Park . . . . .	379,877	92			
West Roxbury Parkway . . . . .	20,581	97			
Franklin Park . . . . .	2,350,676	95			
			\$6,763,787	93	
<b>Marine Park System:</b>					
Columbia Road . . . . .	\$300,640	40			
Dorchesterway . . . . .	65,187	12			
Strandway . . . . .	301,658	68			
Marine Park . . . . .	1,051,876	14			
Castle Island . . . . .	32,685	55			
			1,752,047	89	
Wood Island Park . . . . .			248,266	04	
Charlesbank . . . . .			312,760	50	
Charlestown Heights . . . . .			102,742	87	
Charlestown Playground . . . . .			15,392	01	
Dorchester Park . . . . .			10,796	53	
Franklin Field . . . . .			88,163	21	
North End Beach . . . . .			169,262	27	
Copp's Hill Terraces . . . . .			31,973	71	
Chestnut Hill Park . . . . .			3,243	17	
North Brighton Playground . . . . .			10,503	27	
Neponset Playground . . . . .			11,189	35	
Billings Field . . . . .			18,487	81	
First Street Playground . . . . .			9,554	85	
Prince Street Playground . . . . .			33	90	
Mystic Playground . . . . .			1,717	99	
Fellows Street Playground . . . . .			1,496	28	
Christopher Gibson Playground . . . . .			10,042	75	
Columbus Avenue Playground . . . . .			5,922	89	
Savin Hill Playground . . . . .			5,536	14	
Roslindale Playground . . . . .			5,597	31	
Rogers Park . . . . .			2,000	00	
General Account . . . . .			73,987	50	
Park Nursery . . . . .			29,947	07	
				9,679,455	24

**BETTERMENTS.**

Betterment Expenses . . . . .	13,356	10
	<u>\$17,260,692</u>	<u>39</u>

## VII.

**Park Betterments Collected by City Collector,  
To February 1, 1902.**

	Assessm'ts committed to Collector.	Abated.	Net Assess- ments.	Collected.	Outstand- ing Feb. 1, 1902.
Public Park, Back Bay....	\$434,600 00	\$144,195 73	\$290,404 27	\$290,404 27	
Marine Park.....	23,543 00	12,616 80	10,926 20	10,926 20	
Franklin Park.....	135,029 00	122,000 66	13,028 34	13,028 34	
Parkway, Old Harbor. ...	60,789 00	50,426 00	10,363 00	8,256 00	\$2,107 00
"    Muddy River...	108,972 00	82,252 25	26,719 75	22,862 75	3,857 00
"    West Roxbury..	154,107 00	113,658 00	40,449 00	30,238 00	10,211 00
"    Dorchester.....	9,713 00	3,055 54	6,657 46	5,927 74	729 72
	\$926,753 00	\$528,204 98	\$398,548 02	\$381,643 30	\$16,904 72

## VIII.

**Public Park Debt.***Liabilities.*

Total loan outstanding, January 31, 1902 . . . . \$13,991,300 00

*Resources.*

Resources of Sinking-Fund, January 31, 1902 . . . . 3,904,629 34

Net Debt, January 31, 1902 . . . . . \$10,086,670 66

**\*Playground Debt.**

† Outstanding loans, January 31, 1902 . . . . . \$787,060 98

\*The funds for the payment of this debt being part of the General Sinking-Fund cannot be specifically stated.

† Of this amount \$2,454.15 was expended by the Public Grounds Department.

Park Statistics to January 31, 1902.

PARKS.	Year of Taking.	COST OF DATE.			Area.	Length of Drive-ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.					
<b>MAIN PARK SYSTEM:</b>									
Commonwealth avenue.....	1894.....	\$107,909 28	\$107,909 28	30 acres.....	2.8 miles	4.13 miles			
* Fens.....	1879.....	2,137,022 08	2,733,276 57	115 " .....	4 "	6.7 "	1.1 miles		28 acres
* † Riverway.....	1890.....	457,457 53	664,885 14	1,224,312 67	40 " .....	1.4 "	2.8 "	1.2 "	8 "
* † Olmsted Park.....	1890 and 1892	1,081,947 60	723,080 14	1,805,027 74	180 " .....	2.7 "	5.8 "	1.6 "	77 "
* Arborway.....	1892.....	245,584 25	379,754 45	625,338 70	36 " .....	3.4 "	1.25 "	1.4 "	
* Arnold Arboretum.....	1882 and 1895	79,343 65	379,877 92	459,221 57	223 " .....	3.4 "	5.65 "	.....	0.6 acre
* West Roxbury Parkway.....	1894.....	135,265 29	29,581 97	155,847 26	150 " .....	2.8 "	4.3 "	2.4 "	
* Franklin Park.....	1883 and 1884	1,551,196 63	2,350,676 95	3,901,873 58	527 " .....	7.3 "	14.5 "	1 mile	7.4 "
<b>MARINE PARK SYSTEM:</b>									
Columbia Road.....	1899.....	395,833 23	300,640 40	696,473 63	{ 94 " land { 200 " flats }	4.2 "	5.75 "		
* Dorchesterway.....	1892.....	63,735 54	65,187 12	128,922 66					
Strandway .....	{ 1890, 1892 { 1901 and } ..	565,496 17	301,658 68	867,154 85					
* Marine Park .....	1883.....	232,972 57	1,051,876 14	1,284,848 71	{ 34 " land { 160 " flats }	0.5 mile	1.3 "	.....	4.4 "
† Castle Island.....	1890.....	.....	32,685 55	32,685 55	{ 21 " land { 83 " flats }				
* WOOD ISLAND PARK.....	1882 and 1891	132,800 00	248,266 04	381,066 04	{ 46 " land { 165 " flats }	0.3 "	2.1 "		
<i>Carried forward.....</i>									
	\$5,537,856 95	\$8,764,101 86	\$14,301,988 81	2,094 acres.....	32.8 miles	54.28 miles	8.7 miles	125.4 acres	

Park Statistics to January 31, 1902.—Continued.

Park Statistics to January 31, 1902.—Concluded.

PARKS.	Year of Taking.	Cost to Date.		Area.	Length of Driveways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.				
<i>Brought forward.</i>	.....	\$7,189,868.21	\$9,546,421.58	\$16,736,289.79	2,335.71 acres.	35.2 miles.	8.7 miles.	125.4 acres.
* CHRISTOPHER GIBSON PLAYG'D.	1897.....	37,709.58	10,042.75	47,752.33	5.8 acres.			
COLUMBUS AVENUE PLAYGROUND.	1899 and 1900	287,911.13	5,922.89	293,834.02	4.8 "			
ASHMONT PLAYGROUND.....	1899.....	87.18	.....	87.18	2.2 "			
* SAYIN HILL PLAYGROUND.....	1899.....	27,147.30	5,336.14	32,683.44	{ 6 acres land, 12.6 " flats.			
* ROSLINDALE PLAYGROUND.....	1899.....	24,825.11	5,597.31	30,422.42	3.7 "			
FOREST HILLS PLAYGROUND.....	1900.....	166.75	.....	166.75	10.3 "			
§ ROGERS PARK.....	1899.....	.....	2,000.00	2,000.00	6.9 "			
BERNERS SQUARE.....	1901.....	.....	.....	.....	1.2 "			
LAND FOR PLAYGROUNDS, EXECUTIONS, ETC.....	.....	175.79	.....	175.79				
		\$7,567,881.05	\$9,575,520.67	\$17,143,401.72				
General account.	.....	.....	73,987.50	73,987.50				
Park Nursery.....	.....	.....	29,947.07	29,947.07				
Betterment Expenses.....	.....	.....	13,356.10	13,356.10				
		\$7,567,881.05	\$8,682,811.34	\$17,260,692.39	2,389.21 acres.	35.2 miles.	8.7 miles	125.4 acres.

\* The lands in these parks and playgrounds have been paid for in full.

† An additional area of 16<sup>1</sup>/<sub>2</sub> acres is within the limits of the town of Brookline.

‡ An additional area of 18 acres is within the limits of the town of Brookline.

§ Transferred by order of the City Council from Public Grounds Department. Original cost of Rogers Park land, \$30,000.

|| Transferred to Street Department.

¶ Custody given to city by Act of Congress.

Of the above total lengths of driveways, walks, and rides, there have been completed to date, respectively, 29.8 miles, 46.57 miles, and 6.3 miles.

## APPENDIX.

REPORT OF THE COMMITTEE OF THE MASSACHUSETTS EMERGENCY AND HYGIENE ASSOCIATION IN CHARGE OF THE WOMEN'S AND CHILDREN'S DIVISION AT CHARLESBANK.

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BOSTON, January 13, 1902.

*To the Board of Park Commissioners :*

GENTLEMEN,—In submitting to you our report for the eleventh year of our superintendence at Charlesbank, we would express, first, our appreciation of the wooden roof which you have so wisely provided for the out-door gymnasium. The children have been able to exercise longer and more vigorously during the heat of the day than was possible before its erection. The growth in agility and strength of our young gymnasts acts as a stimulus upon their neighbors, inducing them also to try the cure of Charlesbank for their anæmic condition of health.

During the spring and summer there were four weekly classes for women, and six for children (the latter being held only during the public school vacations), with a large increase in the daily average number of those in the latter. There has also been a daily increase since May 15, when the Women's Division opened for the season, in the number of those playing in the sand-boxes, and playing or resting on the green and in the lodge; and not an accident has occurred in the whole place.

For the first time a public exhibition of work was given, on August 29, by the children, before their schools re-opened, that represented both their first year and their advanced work in which they proudly took part. On following days their raffed work and their games on the green were also specially witnessed by the public, and their scrap books and other rainy day occupations were duly inspected.

The winter work is now so closely connected with that of the summer, that our influence over the children in morals, manners and cleanliness has become a marked feature in the district of the city from which most of them come. We have three afternoon classes, and one on Saturday mornings for them, with four evening classes for the older girls and women. As the upper hall of the lodge has been enlarged by moving back the partition there is now ample space for gymnastic exercises.

During the summer Miss Harriet S. Cutler, the Superintendent, was assisted in her management by Miss Mary Otis Brigham and Miss Gabriella Eliot. The committee feel that the large success of the work in all its various phases is due to their fidelity, kindliness, and good judgment.

Respectfully submitted,

KATE GANNETT WELLS,  
ANNA PHILLIPS WILLIAMS,  
MABEL DELANO LORD,

*For the Committee.*

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STATUTES OF THE COMMONWEALTH RELATING  
TO PUBLIC PARKS IN THE CITY OF BOSTON.

[Stat. 1901.—Chap. 187.]

AN ACT TO AUTHORIZE THE SALE OR ABANDONMENT OF CERTAIN LANDS TAKEN FOR PLAYGROUND PURPOSES IN THE CITY OF BOSTON.

SECTION 1. The City of Boston is hereby authorized, upon the recommendation of its Board of Park Commissioners, to sell and convey, for a nominal consideration, to the President and Fellows of Harvard College, all or any part of the lands on Washington street, in the City of Boston, heretofore taken by it from the President and Fellows of Harvard College for playground purposes, and for the taking of which the President and Fellows of Harvard College have received no compensation. Said conveyance shall vest the title to said lands in the President and Fellows of Harvard College, their successors and assigns, and may be pleaded in reduction of damages in any suit for the taking of said land.

SECT. 2. This act shall take effect upon its passage.

(Approved March 26, 1901.)

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[Stat. 1901.—Chap. 488.]

AN ACT TO PROVIDE FOR WIDENING WALTER STREET IN THE CITY OF BOSTON.

SECTION 1. Section one of chapter two hundred and ninety-two of the acts of the year eighteen hundred and ninety-two is hereby amended by striking out the whole of said section and inserting in place thereof the following: *Section 1.* The Board of Street Commissioners of the City of Boston may, in that part of Boston known as West Roxbury, widen Walter street to a width not exceeding sixty feet, and may take therefor a strip of land from the burial-ground situated on the easterly side of said street near Weld street, and shall, at the expense of the City of Boston, remove the remains of the dead, if any there be, in the part so taken, to some other part of the said burial-ground or to some other cemetery; and may also take therefor a strip of land from the Arnold arboretum, so-called, on

the easterly side of said street between the cemetery and Centre street: *provided, however,* that in taking any of the land within the arboretum the provisions of the leases to Harvard College relating to the land shall be observed; and *provided, further,* that in making any such widening the Board of Street Commissioners shall not be bound by any plan heretofore made relating thereto; and the board shall determine and the city shall pay all damages to property sustained by any person or corporation by such taking.

SECT. 2. This act shall take effect upon its passage.

(Approved June 13, 1901.)

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NOTE.—An index to the Statutes relating to Public Parks in or near the City of Boston, together with an index to all the preceding park reports, will be found in the appendix to the last annual report.



